

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031419\  
 Data File : VN054279.D  
 Acq On : 14 Mar 2019 23:32  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 15 06:58:33 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031219W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 13 03:33:31 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.66  | 168  | 1332077  | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 2078792  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 1833002  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.34 | 152  | 890353   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 731048   | 51.68 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.36% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 689495   | 51.43 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.86% |          |
| 50) Toluene-d8              | 10.09 | 98   | 2502867  | 50.55 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.10% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 867825   | 50.09 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.18% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.85 | 85   | 658278   | 52.142  | ug/l  | 98     |
| 3) Chloromethane              | 2.06 | 50   | 625052   | 50.969  | ug/l  | 99     |
| 4) Vinyl Chloride             | 2.19 | 62   | 703188   | 50.168  | ug/l  | 100    |
| 5) Bromomethane               | 2.57 | 94   | 445369   | 45.878  | ug/l  | 100    |
| 6) Chloroethane               | 2.71 | 64   | 423773   | 49.969  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 3.02 | 101  | 921435   | 49.445  | ug/l  | 100    |
| 8) Diethyl Ether              | 3.41 | 74   | 468660   | 55.187  | ug/l  | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.75 | 101  | 754157   | 54.004  | ug/l  | 99     |
| 10) Methyl Iodide             | 3.94 | 142  | 933532   | 47.160  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 4.82 | 59   | 249619   | 257.387 | ug/l  | 98     |
| 12) 1,1-Dichloroethene        | 3.73 | 96   | 749776   | 54.179  | ug/l  | 98     |
| 13) Acrolein                  | 3.61 | 56   | 135446   | 147.386 | ug/l  | 100    |
| 14) Allyl chloride            | 4.31 | 41   | 904172   | 50.923  | ug/l  | 100    |
| 15) Acrylonitrile             | 5.00 | 53   | 1122829  | 281.854 | ug/l  | 99     |
| 16) Acetone                   | 3.82 | 43   | 820624   | 202.597 | ug/l  | 99     |
| 17) Carbon Disulfide          | 4.04 | 76   | 1623448  | 46.796  | ug/l  | 100    |
| 18) Methyl Acetate            | 4.33 | 43   | 506623   | 61.822  | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 5.05 | 73   | 1891097  | 55.131  | ug/l  | 99     |
| 20) Methylene Chloride        | 4.54 | 84   | 711827   | 53.521  | ug/l  | 97     |
| 21) trans-1,2-Dichloroethene  | 5.03 | 96   | 699503   | 52.755  | ug/l  | 100    |
| 22) Diisopropyl ether         | 5.96 | 45   | 1959010  | 55.281  | ug/l  | 96     |
| 23) Vinyl Acetate             | 5.90 | 43   | 7075705  | 270.809 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 5.85 | 63   | 1223237  | 53.760  | ug/l  | 99     |
| 25) 2-Butanone                | 6.85 | 43   | 1288005  | 270.927 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 6.82 | 77   | 850044   | 42.482  | ug/l  | 98     |
| 27) cis-1,2-Dichloroethene    | 6.83 | 96   | 821253   | 55.519  | ug/l  | 97     |
| 28) Bromochloromethane        | 7.19 | 49   | 478535   | 51.445  | ug/l  | 94     |
| 29) Tetrahydrofuran           | 7.22 | 42   | 843685   | 276.012 | ug/l  | 99     |
| 30) Chloroform                | 7.37 | 83   | 1310882  | 55.211  | ug/l  | 100    |
| 31) Cyclohexane               | 7.65 | 56   | 1077346  | 50.661  | ug/l  | 99     |
| 32) 1,1,1-Trichloroethane     | 7.57 | 97   | 1140884  | 53.205  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 7.79 | 75   | 975340   | 50.948  | ug/l  | 99     |
| 37) Ethyl Acetate             | 6.94 | 43   | 580228   | 52.749  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 7.77 | 117  | 1003645  | 49.993  | ug/l  | 99     |

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 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Mar 15 06:58:33 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N031219W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 13 03:33:31 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.08  | 83   | 1180351  | 50.112   | ug/l   | 98       |
| 40) Benzene                    | 8.04  | 78   | 2874154  | 52.465   | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.18  | 41   | 318742   | 50.750   | ug/l   | 98       |
| 42) 1,2-Dichloroethane         | 8.13  | 62   | 969549   | 52.421   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.17  | 43   | 1015121  | 52.576   | ug/l   | 98       |
| 44) Trichloroethene            | 8.83  | 130  | 891524   | 52.387   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.12  | 63   | 726525   | 53.409   | ug/l   | 100      |
| 46) Dibromomethane             | 9.21  | 93   | 486999   | 52.987   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.40  | 83   | 981074   | 53.246   | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.20  | 41   | 535798   | 54.682   | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.21  | 88   | 155610   | 1122.753 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 9.99  | 43   | 2812946  | 275.299  | ug/l   | 98       |
| 52) Toluene                    | 10.16 | 92   | 1858604  | 53.507   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.38 | 75   | 940138   | 44.825   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.84  | 75   | 1091205  | 50.821   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.56 | 97   | 686634   | 54.137   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.43 | 69   | 836796   | 55.332   | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 10.71 | 76   | 1121614  | 54.083   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.70  | 63   | 1584736  | 242.105  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.75 | 43   | 1800410  | 264.809  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.90 | 129  | 772717   | 54.128   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.01 | 107  | 710298   | 55.109   | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.63 | 164  | 909786   | 51.336   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.43 | 112  | 2138432  | 53.132   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.51 | 131  | 796978   | 54.509   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.51 | 91   | 3495459  | 52.392   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.62 | 106  | 2765760  | 106.064  | ug/l   | 100      |
| 69) o-Xylene                   | 11.95 | 106  | 1363806  | 53.651   | ug/l   | 99       |
| 70) Styrene                    | 11.96 | 104  | 2179557  | 54.671   | ug/l   | 99       |
| 71) Bromoform                  | 12.13 | 173  | 515259   | 46.408   | ug/l   | 100      |
| 73) Isopropylbenzene           | 12.25 | 105  | 3599578  | 50.532   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.07 | 43   | 827890   | 52.360   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.50 | 83   | 814378   | 53.660   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.55 | 75   | 963819   | 73.613   | ug/l # | 100      |
| 77) Bromobenzene               | 12.53 | 156  | 984146   | 52.211   | ug/l   | 96       |
| 78) n-propylbenzene            | 12.59 | 91   | 3925145  | 50.782   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.67 | 91   | 2350792  | 50.583   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.73 | 105  | 3006478  | 50.741   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.30 | 75   | 163519   | 42.693   | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 12.77 | 91   | 2356623  | 50.783   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.99 | 119  | 2776599  | 50.912   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.04 | 105  | 3051590  | 52.497   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.17 | 105  | 3570365  | 50.481   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.29 | 119  | 3155535  | 50.855   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.28 | 146  | 1675639  | 52.756   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.36 | 146  | 1642991  | 52.657   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.62 | 91   | 2455976  | 52.093   | ug/l   | 100      |
| 90) Hexachloroethane           | 13.88 | 117  | 495021   | 48.180   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.65 | 146  | 1660230  | 53.469   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.27 | 75   | 122117   | 51.998   | ug/l   | 97       |

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Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Quant Time: Mar 15 06:58:33 2019  
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Quant Title : SW846 8260  
QLast Update : Wed Mar 13 03:33:31 2019  
Response via : Initial Calibration

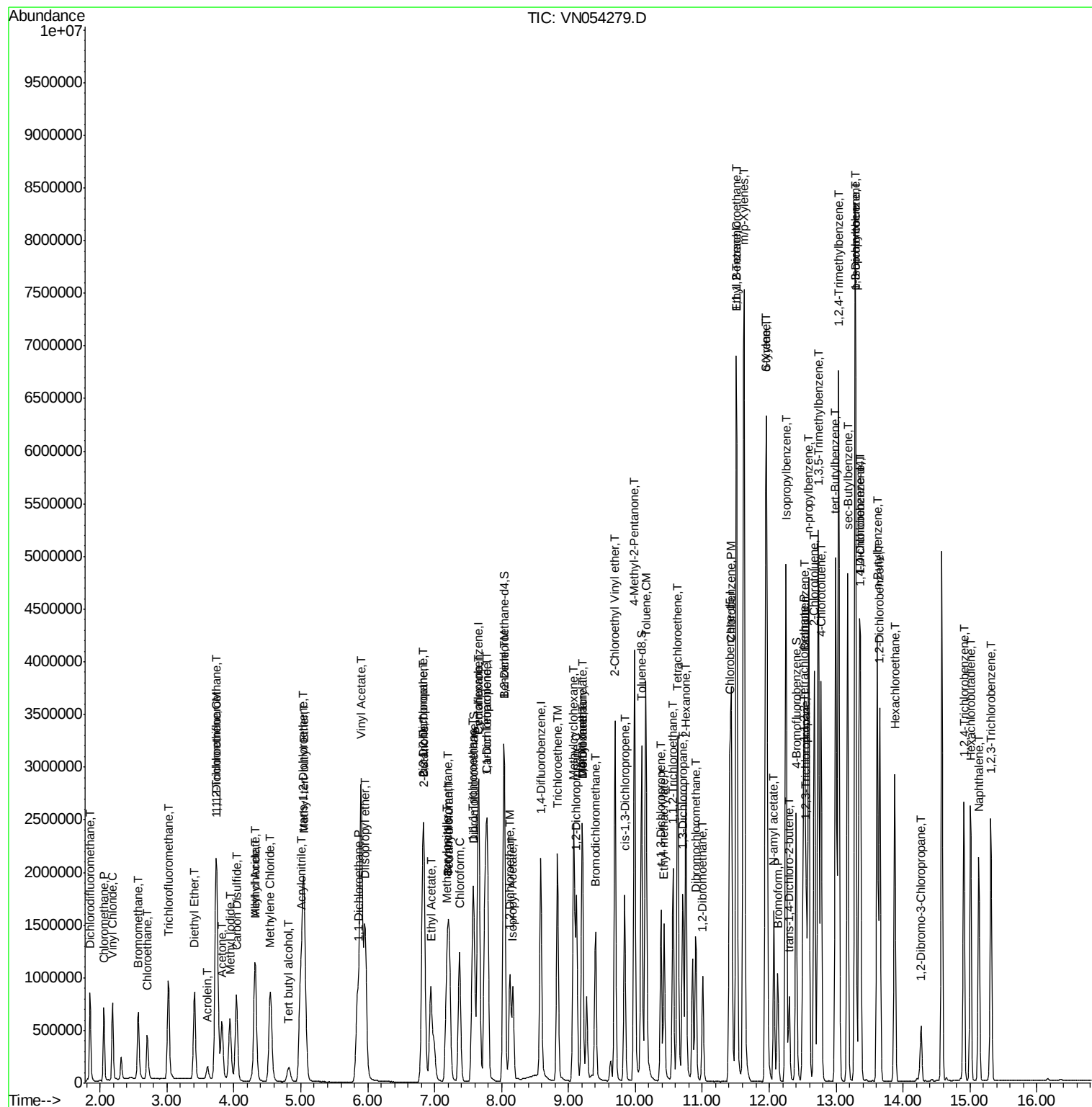
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.91 | 180  | 943492   | 50.314 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.01 | 225  | 578226   | 48.890 | ug/l  | 100      |
| 95) Naphthalene            | 15.13 | 128  | 1958662  | 50.146 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.31 | 180  | 942858   | 57.151 | ug/l  | 100      |

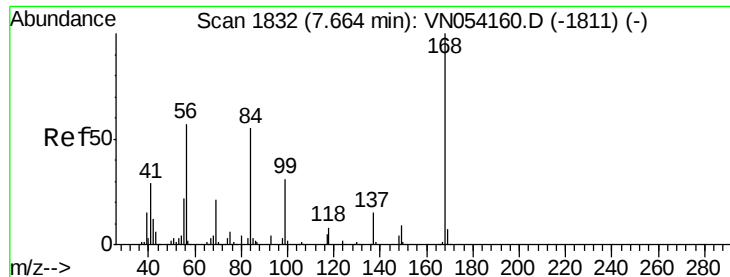
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 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

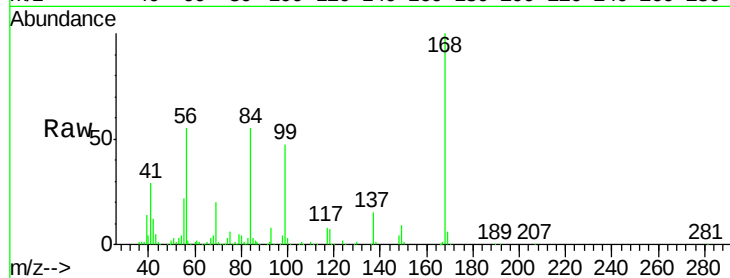
VSTDCCC050

Tot Ion:168 Resp: 1332077

Ion Ratio Lower Upper

168 100

99 46.1 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

600000

500000

400000

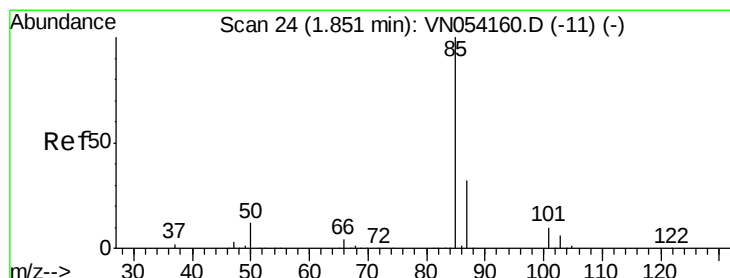
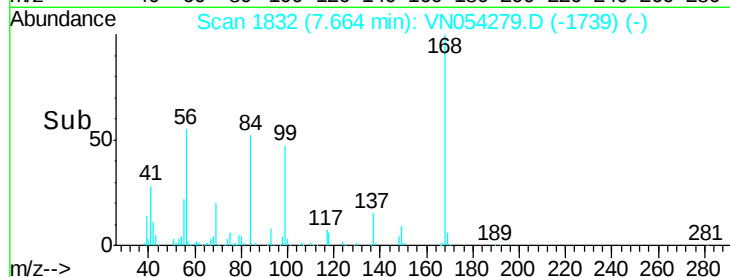
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.142 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN054279.D

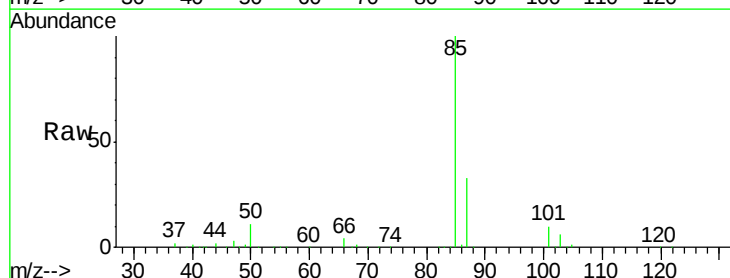
Acq: 14 Mar 2019 23:32

Tgt Ion: 85 Resp: 658278

Ion Ratio Lower Upper

85 100

87 32.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

500000

400000

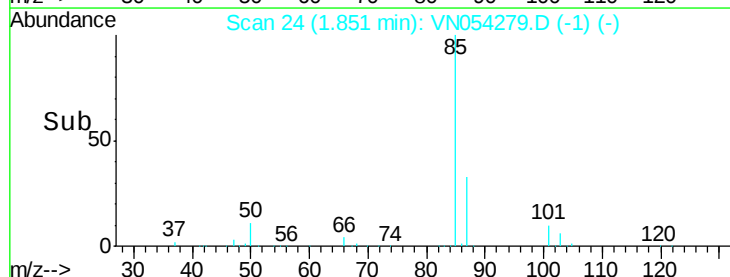
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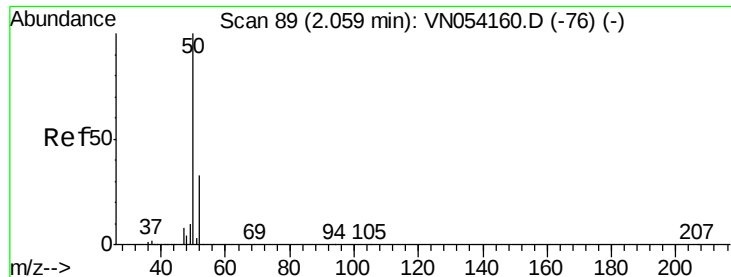
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Time-->





#3

Chloromethane

Concen: 50.969 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

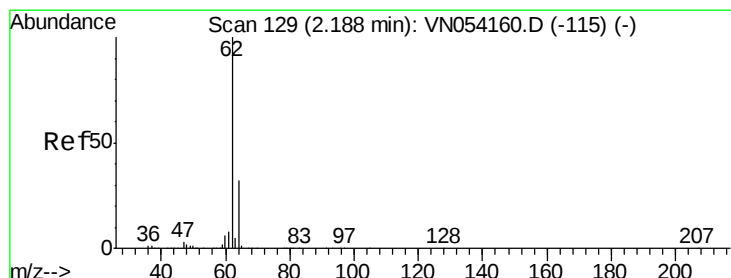
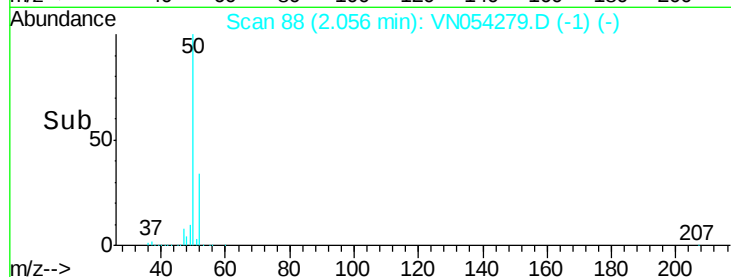
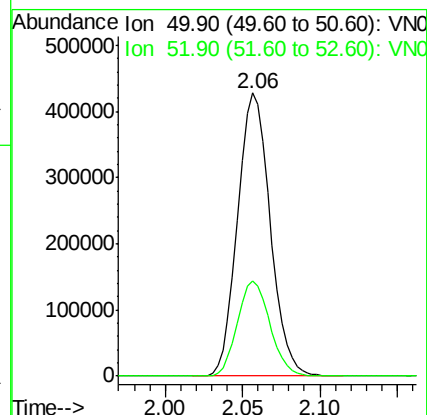
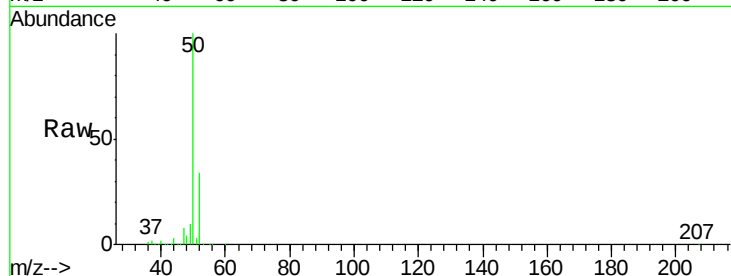
VSTDCCC050

Tot Ion: 50 Resp: 625052

Ion Ratio Lower Upper

50 100

52 33.8 26.4 39.6



#4

Vinyl Chloride

Concen: 50.168 ug/l

RT: 2.19 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN054279.D

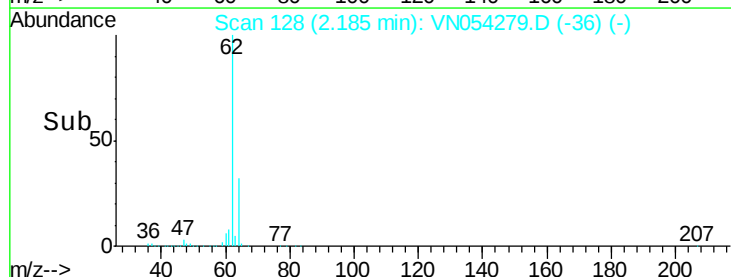
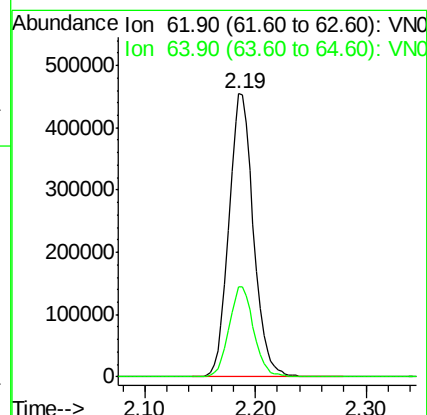
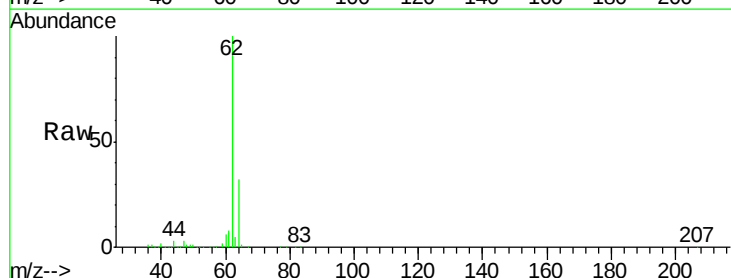
Acq: 14 Mar 2019 23:32

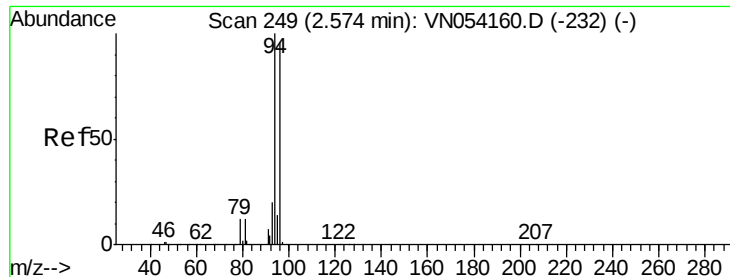
Tgt Ion: 62 Resp: 703188

Ion Ratio Lower Upper

62 100

64 31.6 25.5 38.3





#5

Bromomethane

Concen: 45.878 ug/l

RT: 2.57 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

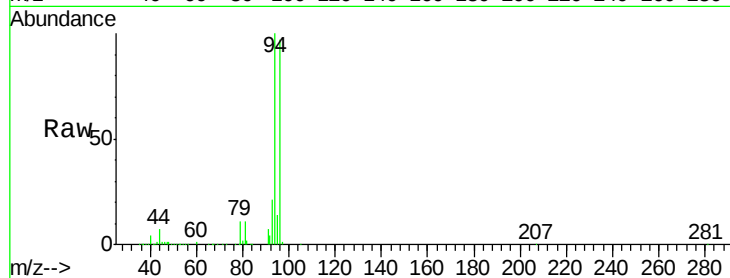
VSTDCCC050

Tot Ion: 94 Resp: 445369

Ion Ratio Lower Upper

94 100

96 96.6 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.57

250000

200000

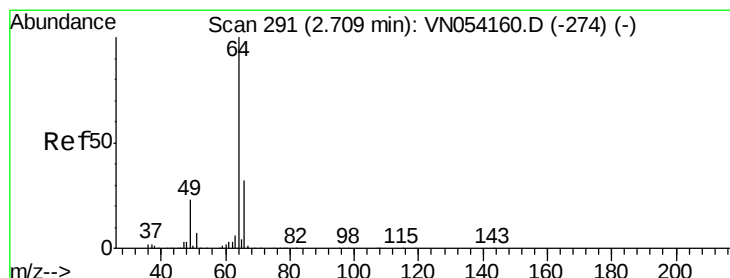
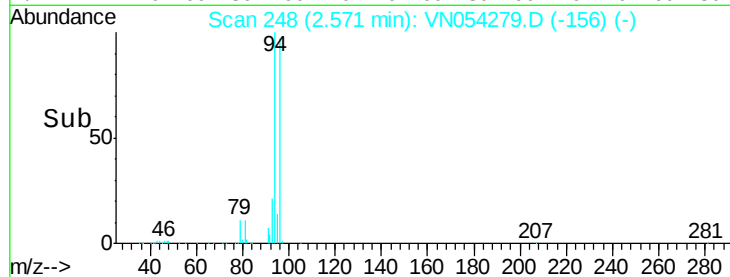
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 49.969 ug/l

RT: 2.71 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN054279.D

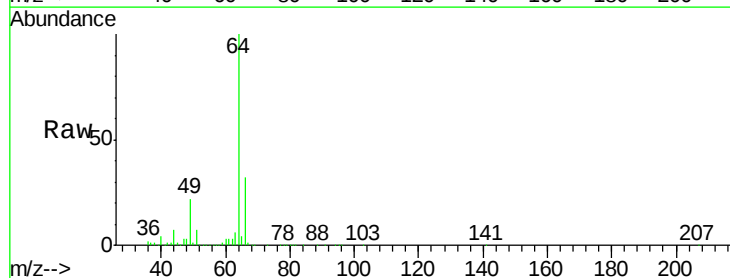
Acq: 14 Mar 2019 23:32

Tgt Ion: 64 Resp: 423773

Ion Ratio Lower Upper

64 100

66 32.4 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

2.71

250000

200000

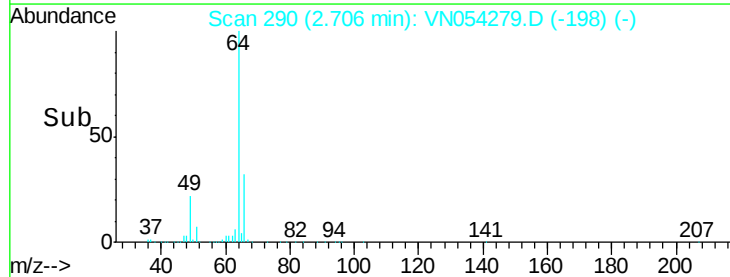
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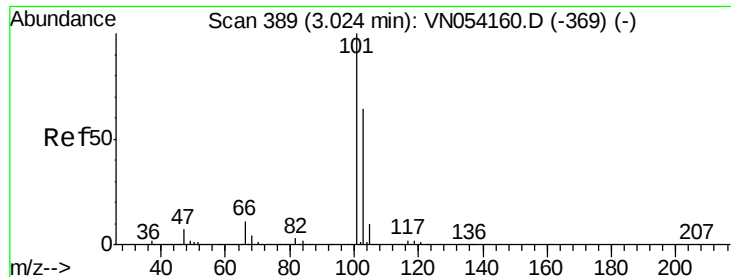
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50000

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Time-->



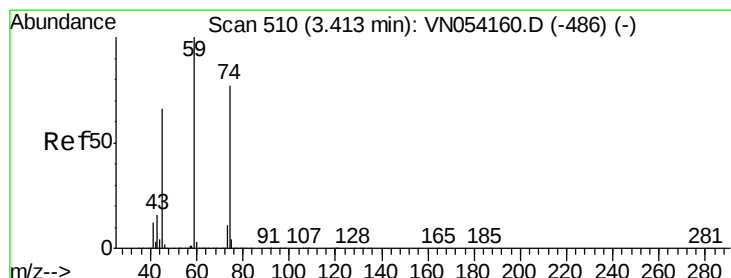
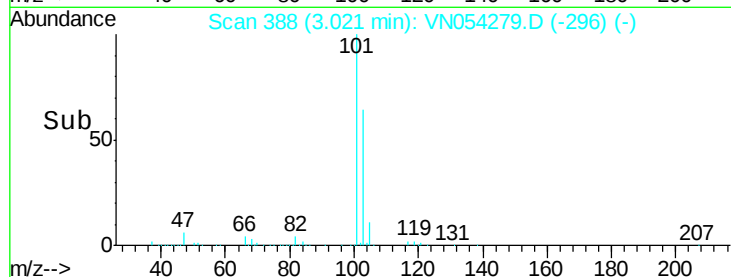
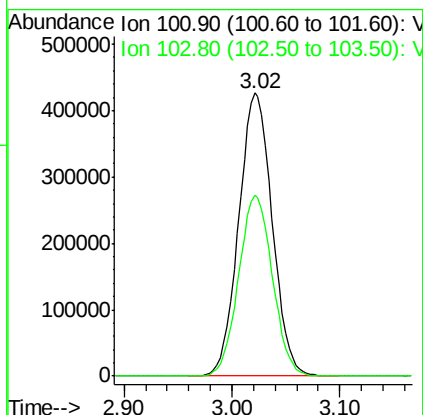
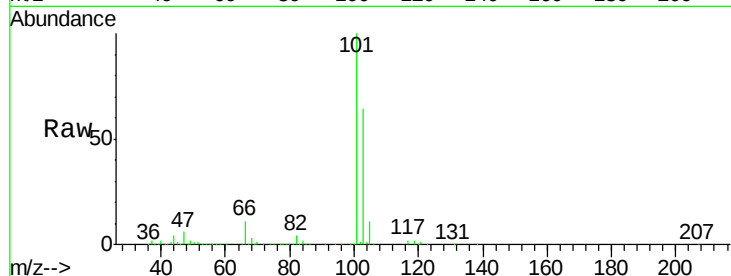


#7

Trichlorofluoromethane  
 Concen: 49.445 ug/l  
 RT: 3.02 min Scan# 388  
 Delta R.T. -0.00 min  
 Lab File: VN054279.D  
 Acq: 14 Mar 2019 23:32

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

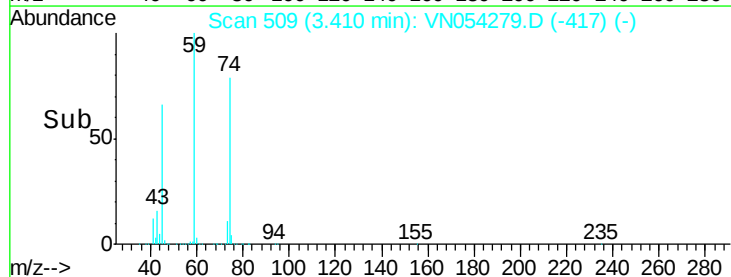
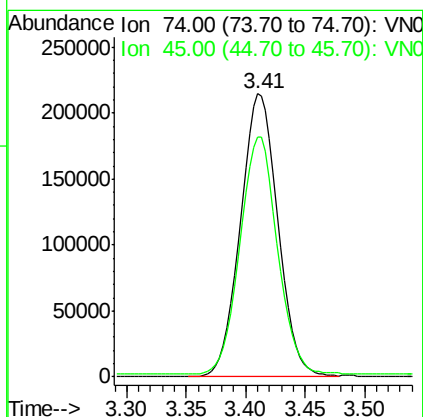
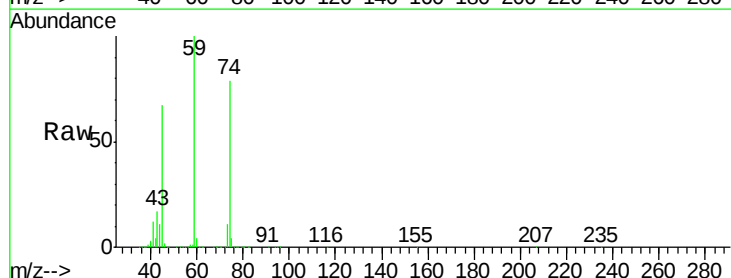
Tot Ion:101 Resp: 921435  
 Ion Ratio Lower Upper  
 101 100  
 103 64.1 51.4 77.2

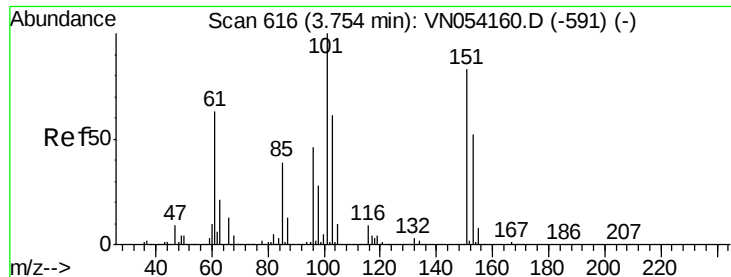


#8

Diethyl Ether  
 Concen: 55.187 ug/l  
 RT: 3.41 min Scan# 509  
 Delta R.T. -0.00 min  
 Lab File: VN054279.D  
 Acq: 14 Mar 2019 23:32

Tgt Ion: 74 Resp: 468660  
 Ion Ratio Lower Upper  
 74 100  
 45 83.4 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.004 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

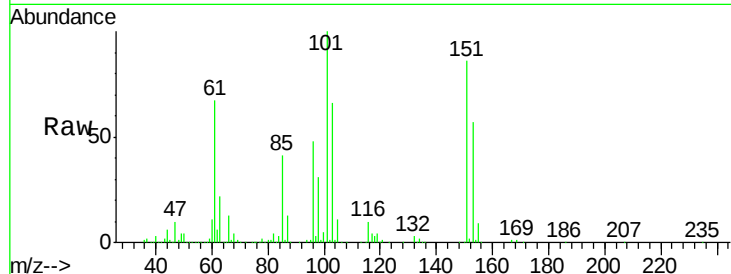
Tot Ion:101 Resp: 754157

Ion Ratio Lower Upper

101 100

85 40.2 32.4 48.6

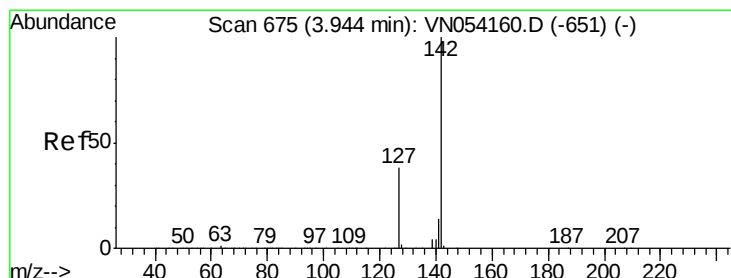
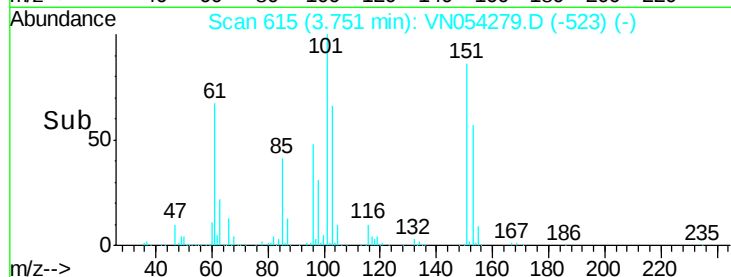
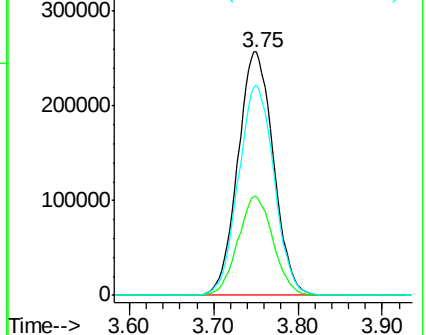
151 86.5 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.160 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

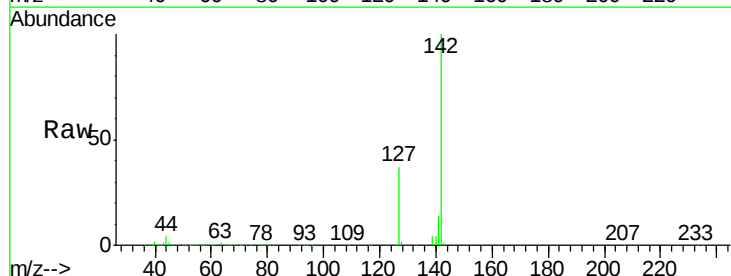
Tgt Ion:142 Resp: 933532

Ion Ratio Lower Upper

142 100

127 37.2 30.3 45.5

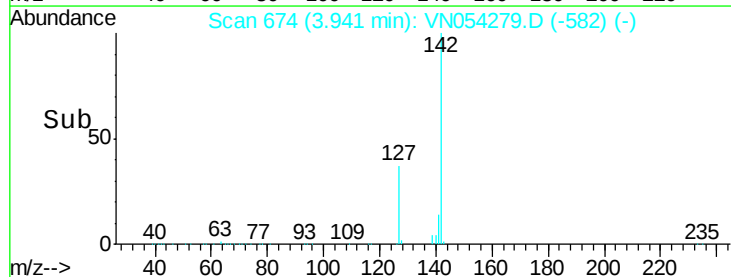
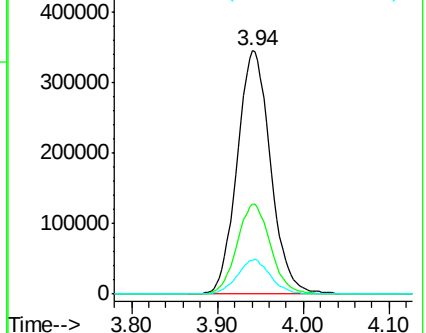
141 14.2 11.2 16.8

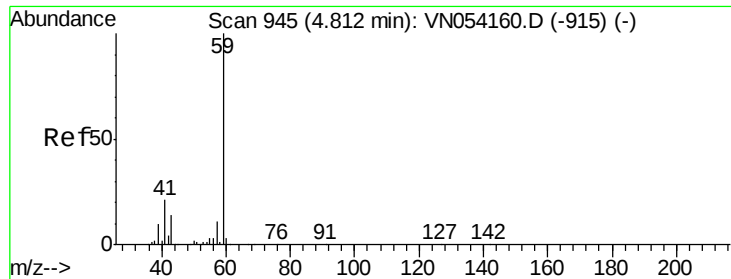


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



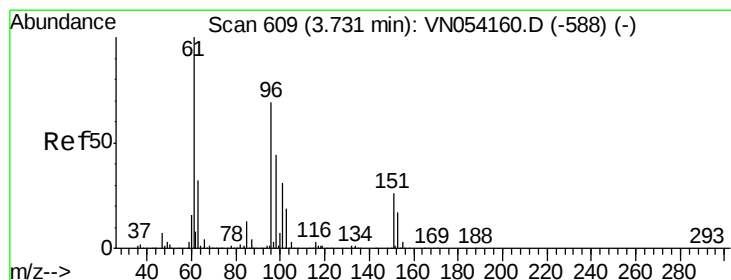
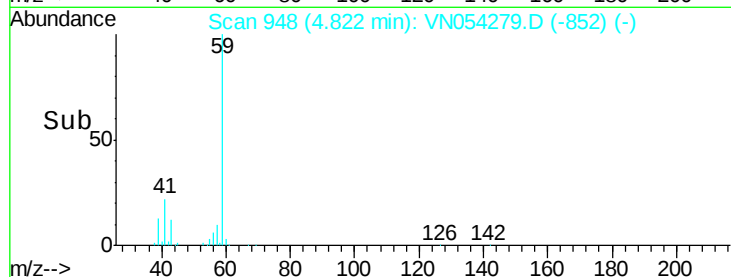
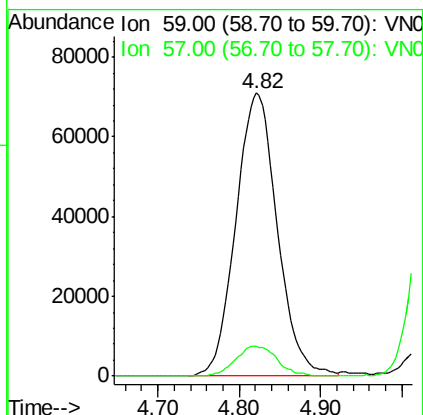
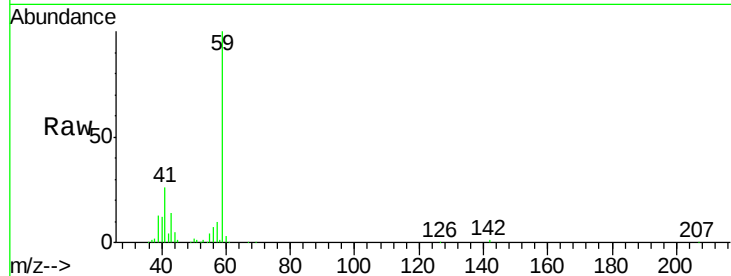


#11

Tert butyl alcohol  
 Concen: 257.387 ug/l  
 RT: 4.82 min Scan# 948  
 Delta R.T. 0.01 min  
 Lab File: VN054279.D  
 Acq: 14 Mar 2019 23:32

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

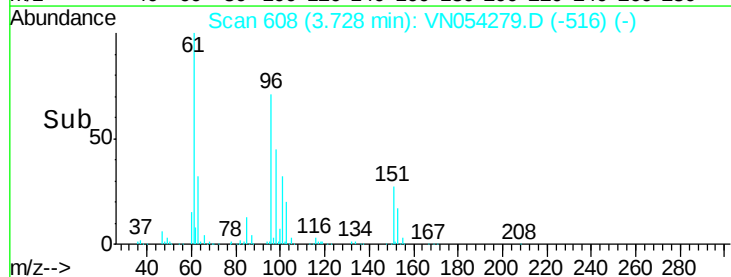
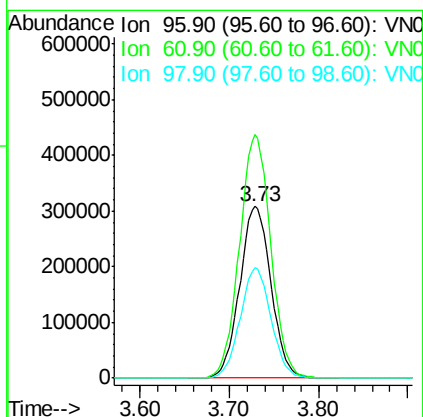
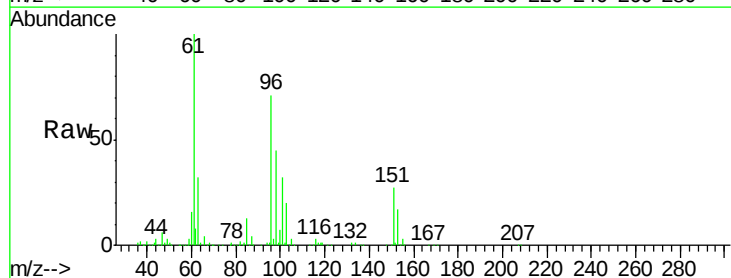
Tot Ion: 59 Resp: 249619  
 Ion Ratio Lower Upper  
 59 100  
 57 10.6 9.0 13.6

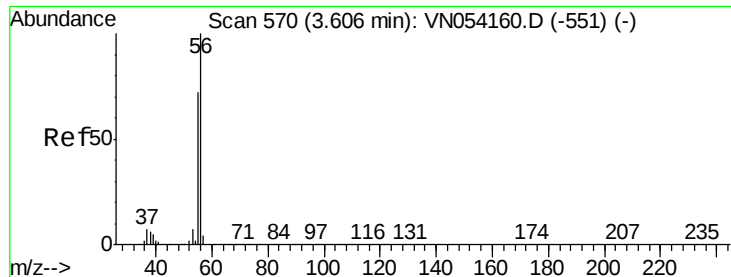


#12

1,1-Dichloroethene  
 Concen: 54.179 ug/l  
 RT: 3.73 min Scan# 608  
 Delta R.T. -0.00 min  
 Lab File: VN054279.D  
 Acq: 14 Mar 2019 23:32

Tgt Ion: 96 Resp: 749776  
 Ion Ratio Lower Upper  
 96 100  
 61 141.9 116.5 174.7  
 98 64.2 51.0 76.4





#13

Acrolein

Concen: 147.386 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

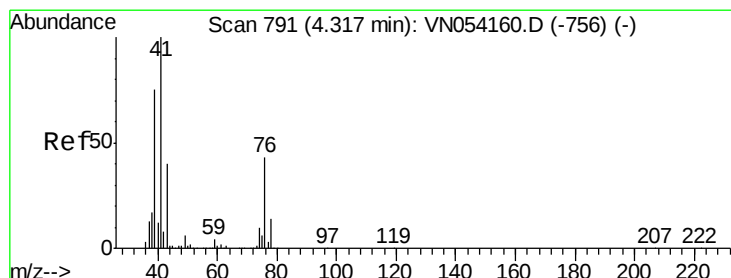
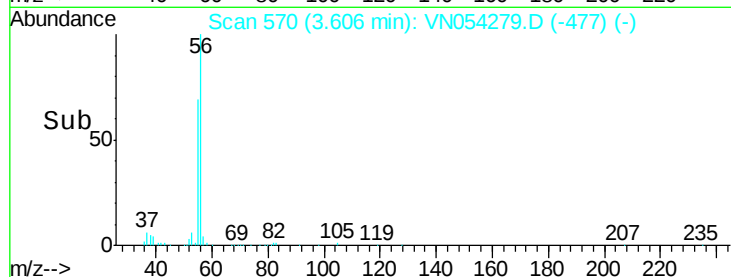
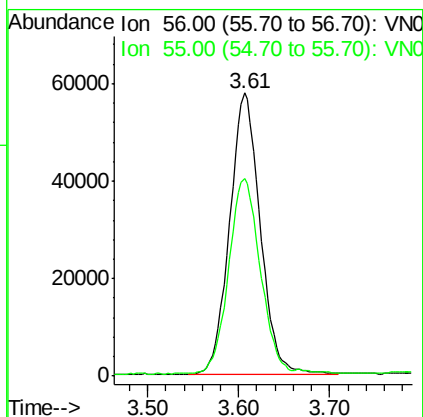
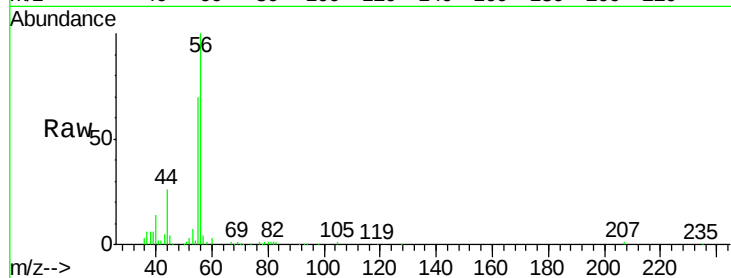
VSTDCCC050

Tot Ion: 56 Resp: 135446

Ion Ratio Lower Upper

56 100

55 70.9 56.7 85.1



#14

Allyl chloride

Concen: 50.923 ug/l

RT: 4.31 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

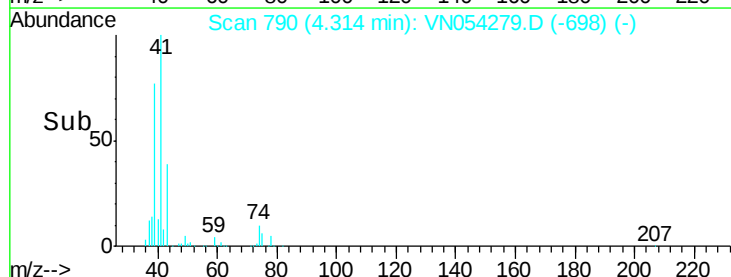
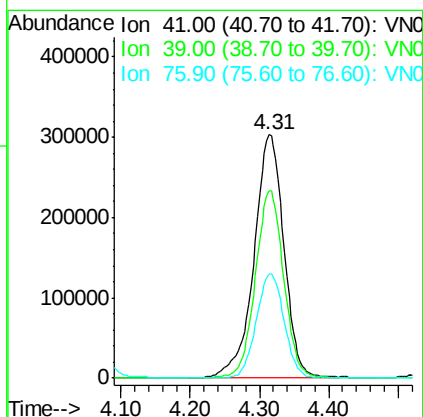
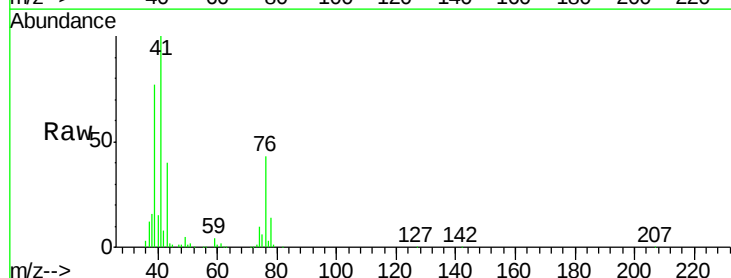
Tgt Ion: 41 Resp: 904172

Ion Ratio Lower Upper

41 100

39 73.0 58.2 87.4

76 39.8 31.7 47.5





#15

Acrylonitrile

Concen: 281.854 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

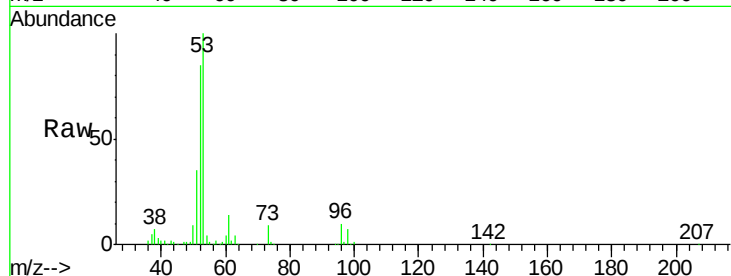
Tot Ion: 53 Resp: 1122829

Ion Ratio Lower Upper

53 100

52 82.3 66.4 99.6

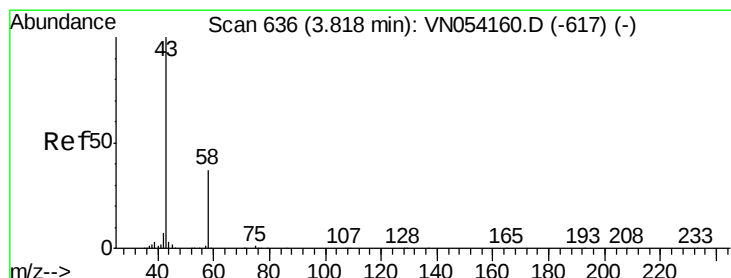
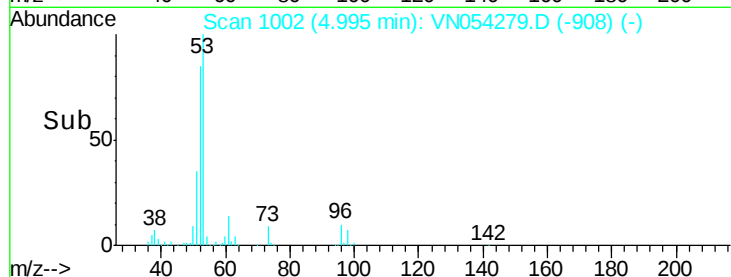
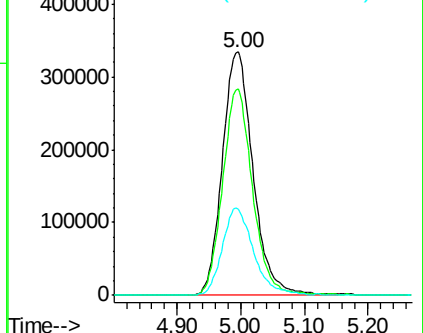
51 36.5 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 202.597 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054279.D

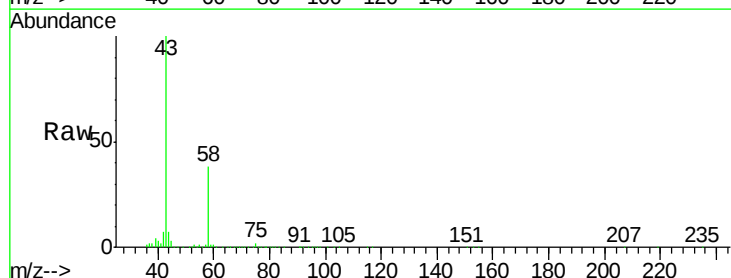
Acq: 14 Mar 2019 23:32

Tgt Ion: 43 Resp: 820624

Ion Ratio Lower Upper

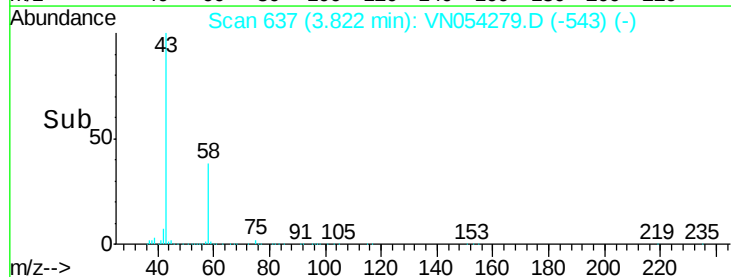
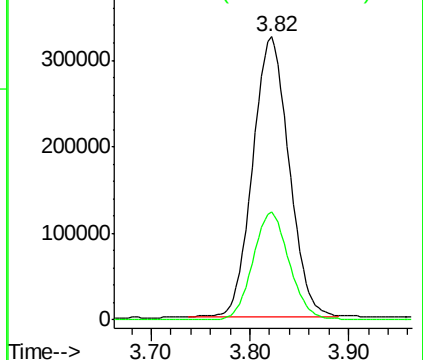
43 100

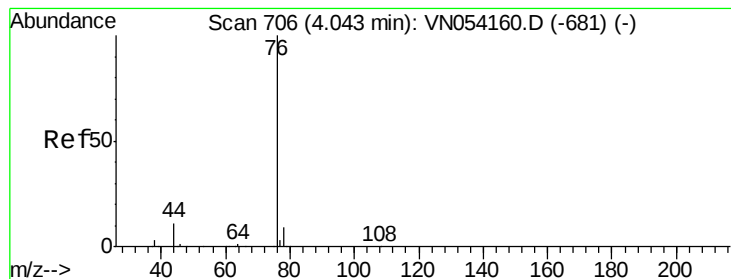
58 38.2 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 46.796 ug/l

RT: 4.04 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

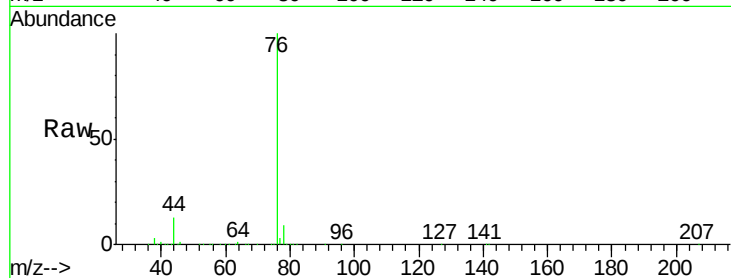
VSTDCCC050

Tot Ion: 76 Resp: 1623448

Ion Ratio Lower Upper

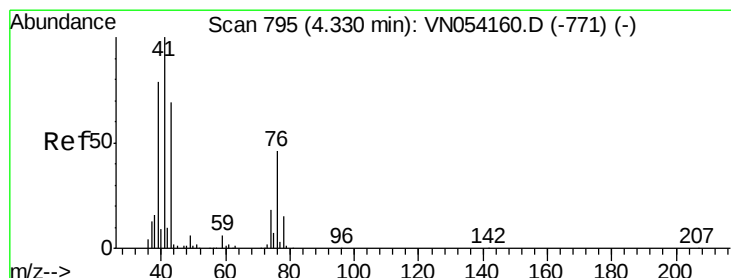
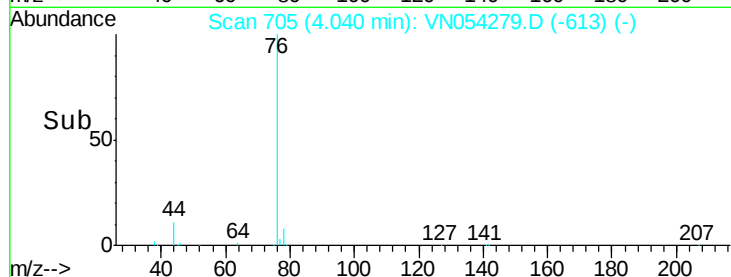
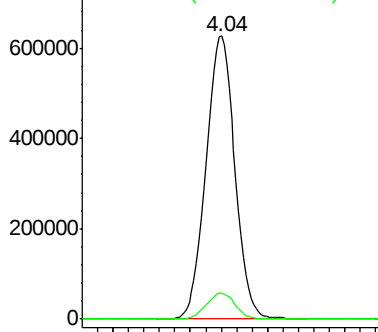
76 100

78 9.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 61.822 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN054279.D

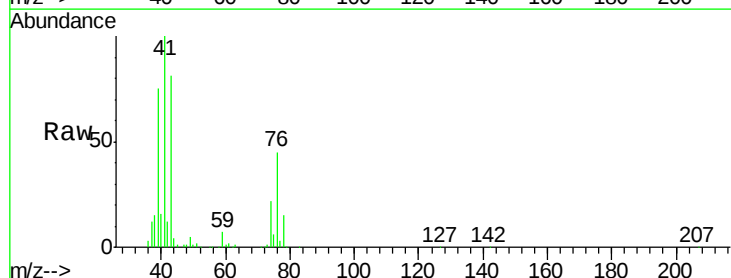
Acq: 14 Mar 2019 23:32

Tgt Ion: 43 Resp: 506623

Ion Ratio Lower Upper

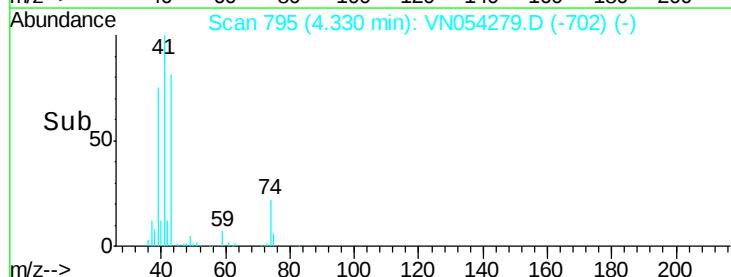
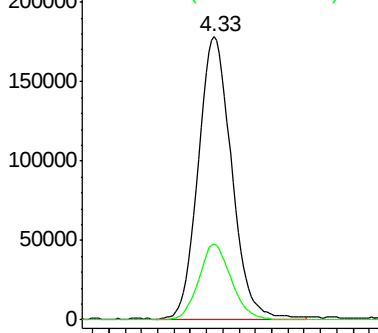
43 100

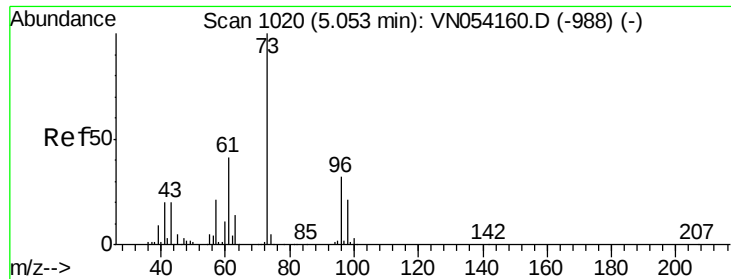
74 26.2 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

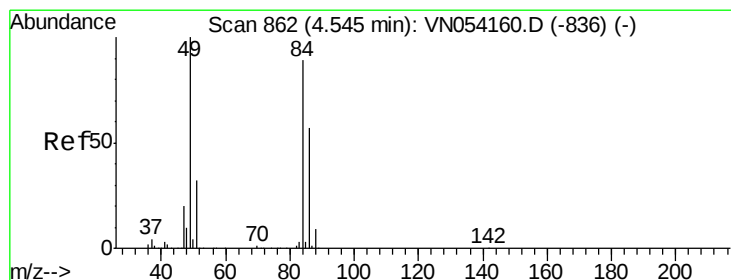
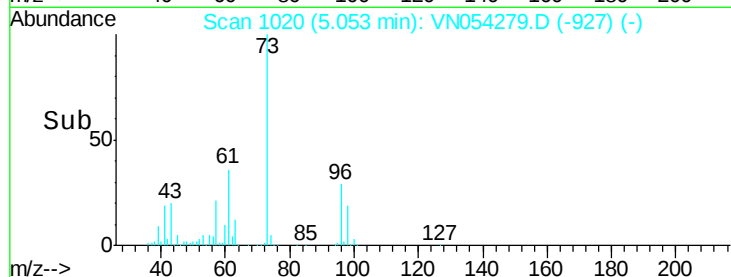
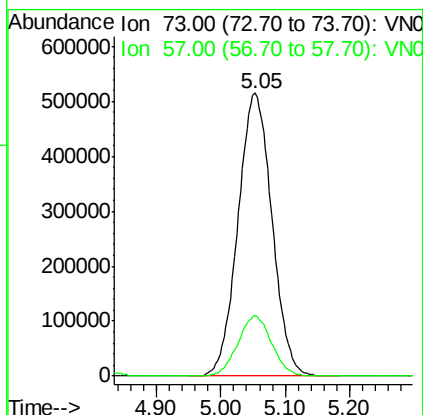
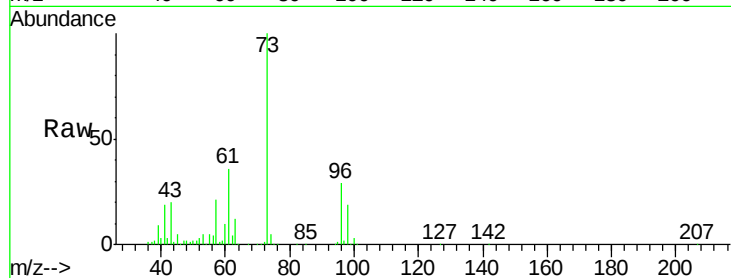




#19  
Methvl tert-butvl Ether  
Concen: 55.131 ug/l  
RT: 5.05 min Scan# 1020  
Delta R.T. 0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

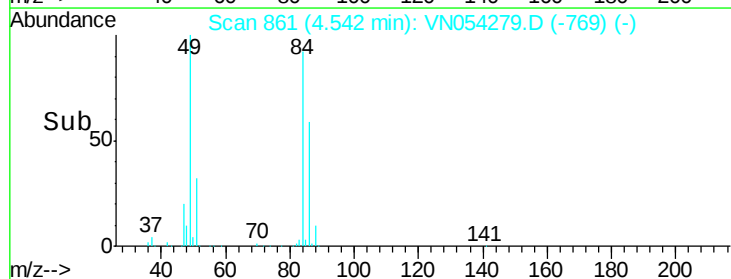
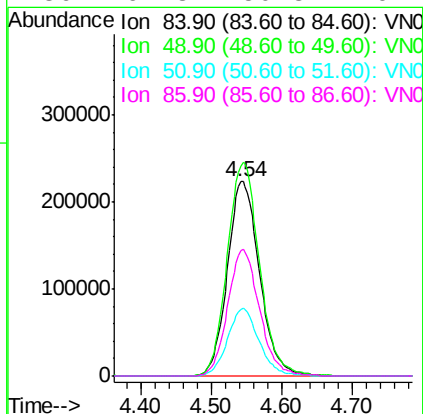
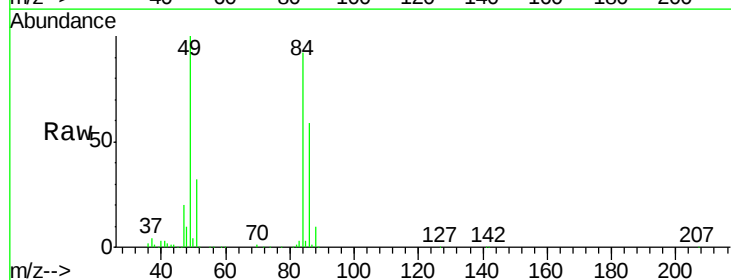
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 1891097  
Ion Ratio Lower Upper  
73 100  
57 21.2 16.8 25.2



#20  
Methylene Chloride  
Concen: 53.521 ug/l  
RT: 4.54 min Scan# 861  
Delta R.T. -0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

Tgt Ion: 84 Resp: 711827  
Ion Ratio Lower Upper  
84 100  
49 108.1 89.7 134.5  
51 34.5 28.2 42.4  
86 64.3 50.8 76.2

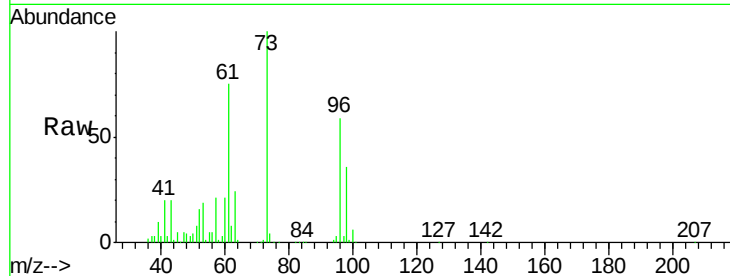




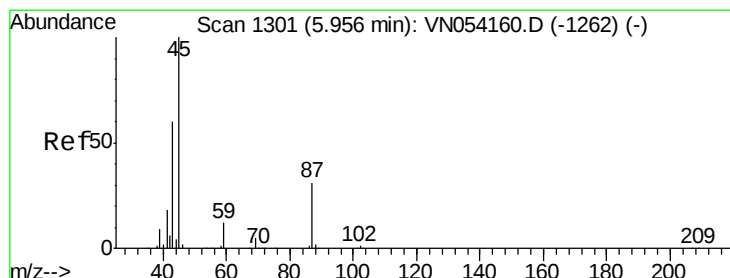
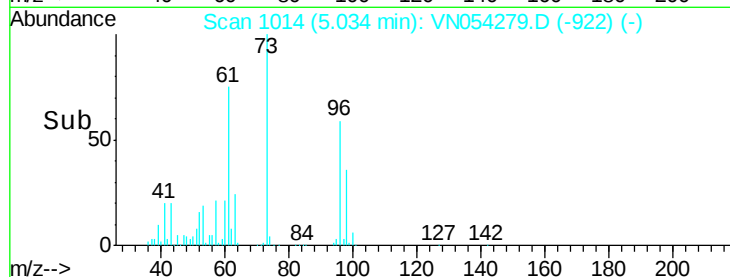
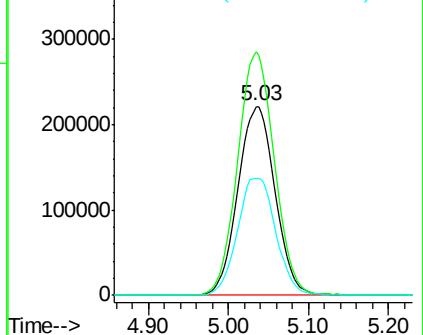
#21  
trans-1,2-Dichloroethene  
Concen: 52.755 ug/l  
RT: 5.03 min Scan# 1014  
Delta R.T. -0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 96 Resp: 699503  
Ion Ratio Lower Upper  
96 100  
61 128.9 102.8 154.2  
98 62.0 50.0 75.0

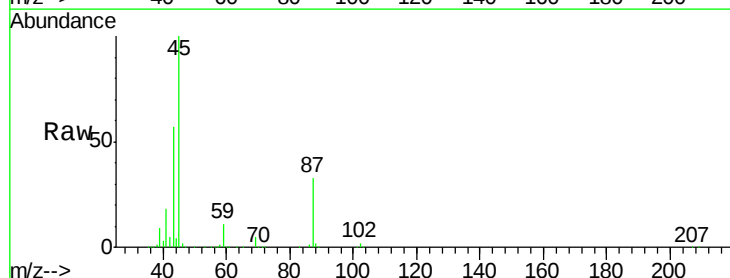


Abundance Ion 95.90 (95.60 to 96.60): VNO  
Ion 60.90 (60.60 to 61.60): VNO  
Ion 97.90 (97.60 to 98.60): VNO

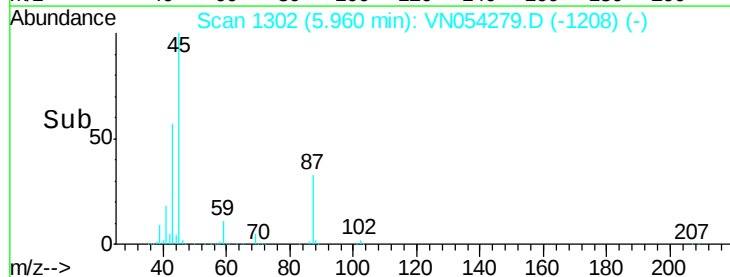
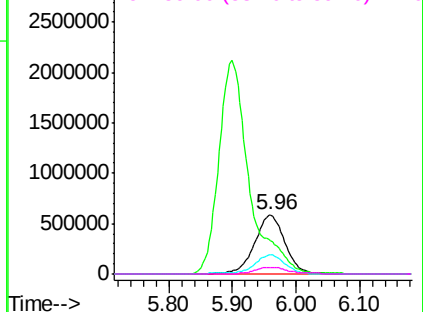


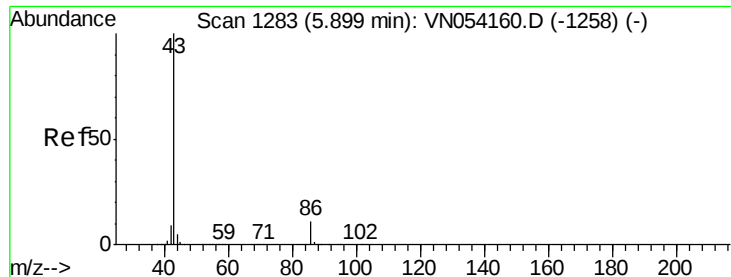
#22  
Diisopropyl ether  
Concen: 55.281 ug/l  
RT: 5.96 min Scan# 1302  
Delta R.T. 0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

Tgt Ion: 45 Resp: 1959010  
Ion Ratio Lower Upper  
45 100  
43 56.4 48.2 72.2  
87 32.6 24.9 37.3  
59 11.2 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VNO  
Ion 43.00 (42.70 to 43.70): VNO  
Ion 87.00 (86.70 to 87.70): VNO  
Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 270.809 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

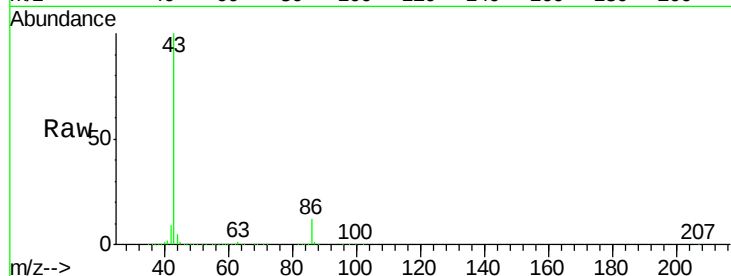
VSTDCCC050

Tot Ion: 43 Resp: 7075705

Ion Ratio Lower Upper

43 100

86 11.9 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN054279.D (-1190) (-)

Ion 86.00 (85.70 to 86.70): VN054279.D (-1190) (-)

2500000

2000000

1500000

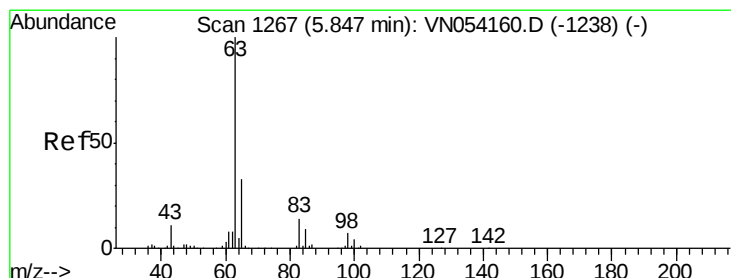
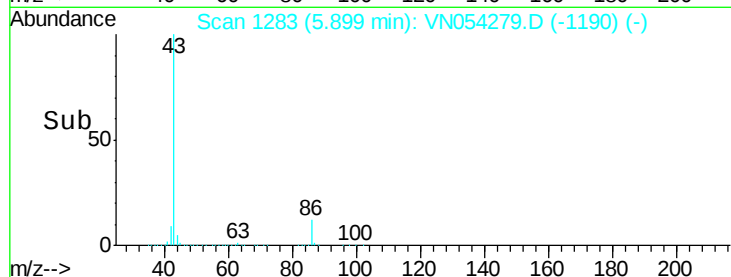
1000000

500000

0

5.80 5.90 6.00 6.20

Time-->



#24

1,1-Dichloroethane

Concen: 53.760 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

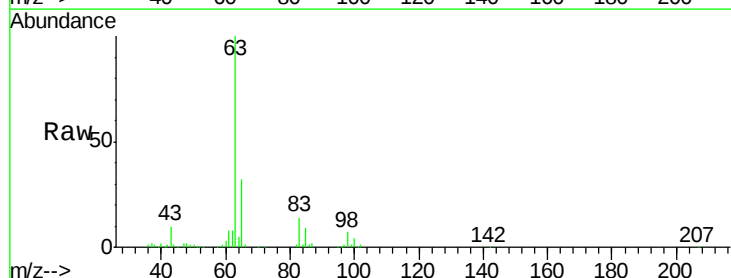
Tgt Ion: 63 Resp: 1223237

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

100 4.4 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN054279.D (-1174) (-)

Ion 97.90 (97.60 to 98.60): VN054279.D (-1174) (-)

Ion 99.90 (99.60 to 100.60): VN054279.D (-1174) (-)

500000

400000

300000

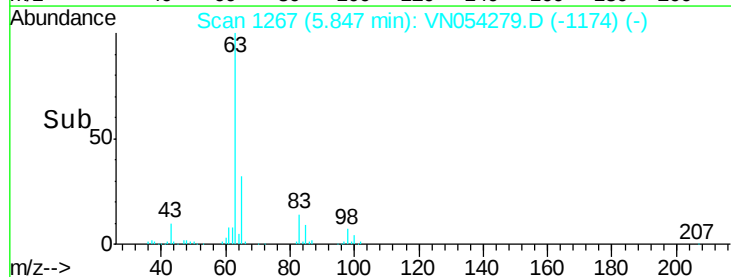
200000

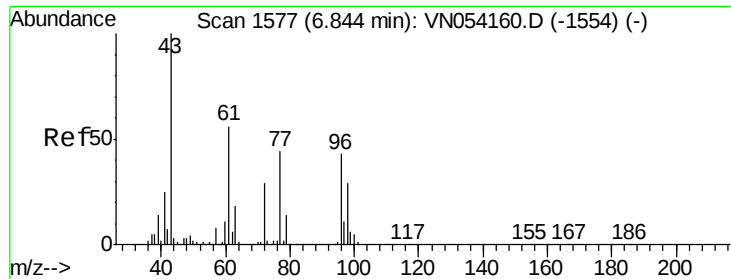
100000

0

5.70 5.80 5.90 6.00

Time-->





#25

2-Butanone

Concen: 270.927 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

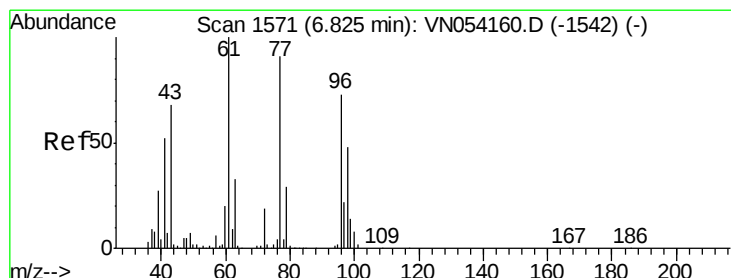
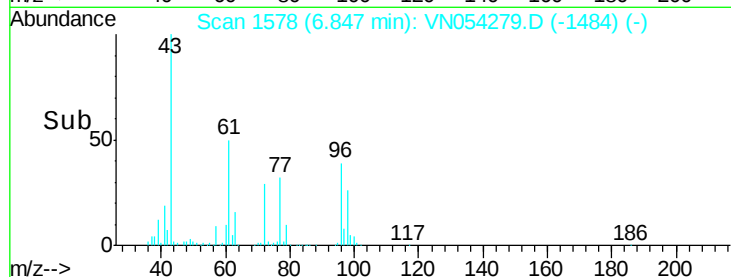
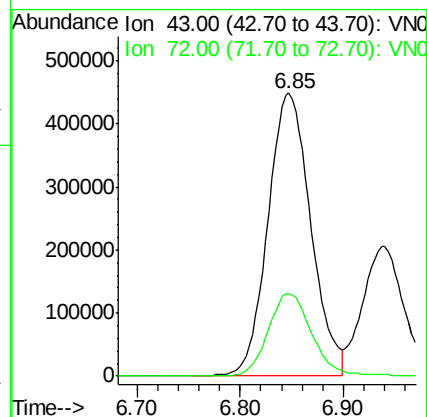
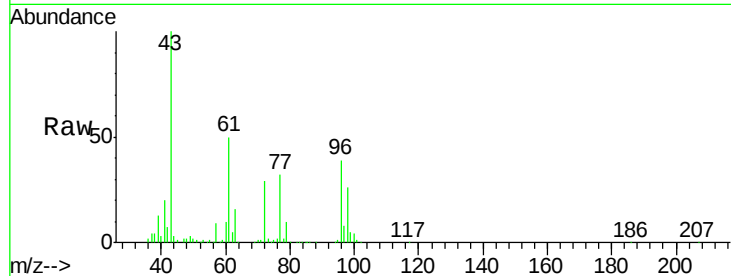
VSTDCCC050

Tot Ion: 43 Resp: 1288005

Ion Ratio Lower Upper

43 100

72 29.3 23.0 34.6



#26

2,2-Dichloropropane

Concen: 42.482 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN054279.D

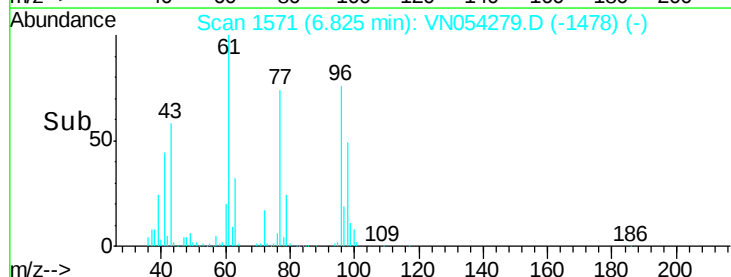
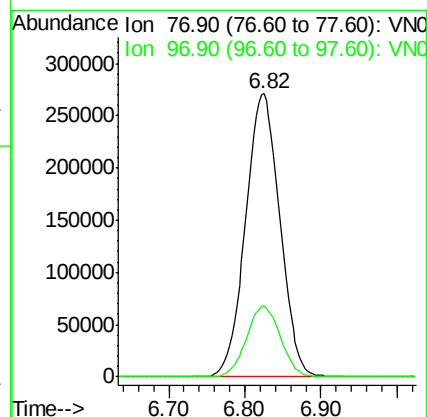
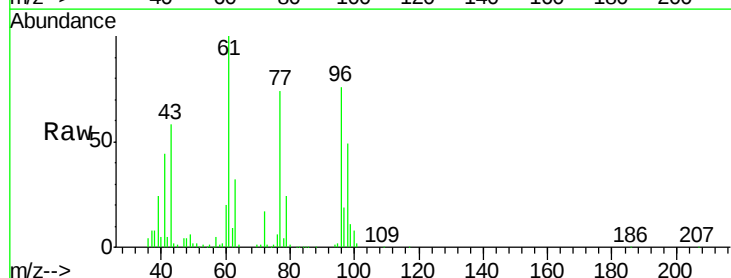
Acq: 14 Mar 2019 23:32

Tgt Ion: 77 Resp: 850044

Ion Ratio Lower Upper

77 100

97 24.8 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 55.519 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

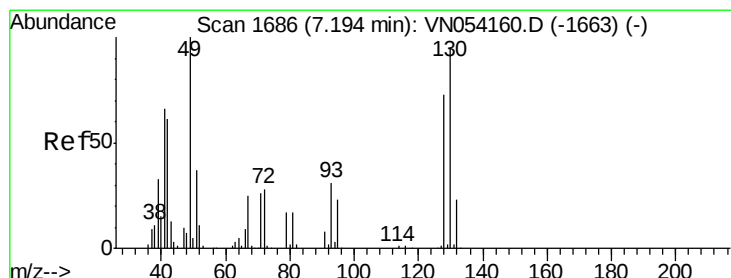
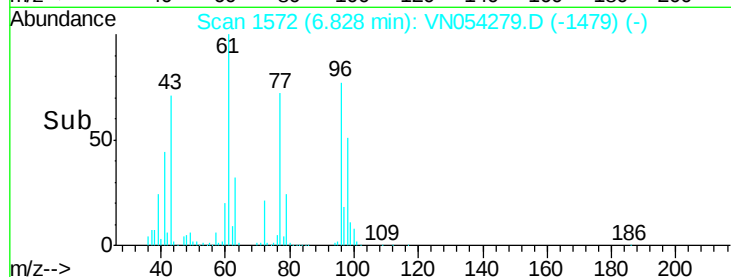
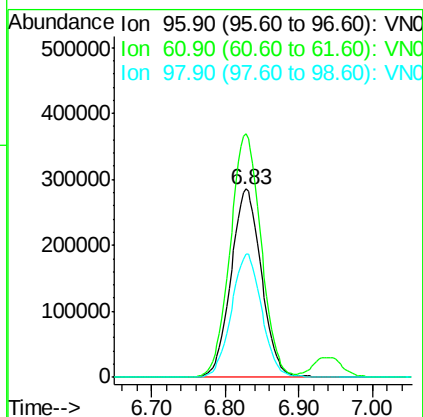
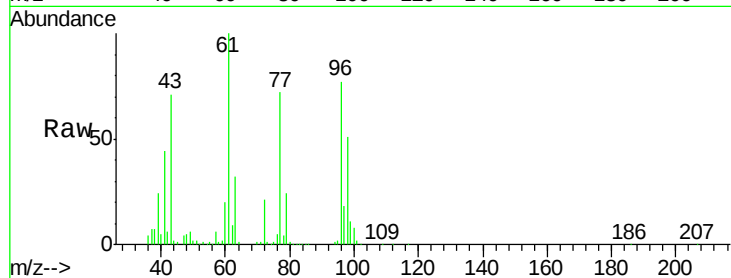
Tot Ion: 96 Resp: 821253

Ion Ratio Lower Upper

96 100

61 131.0 0.0 273.0

98 65.2 0.0 130.6



#28

Bromochloromethane

Concen: 51.445 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

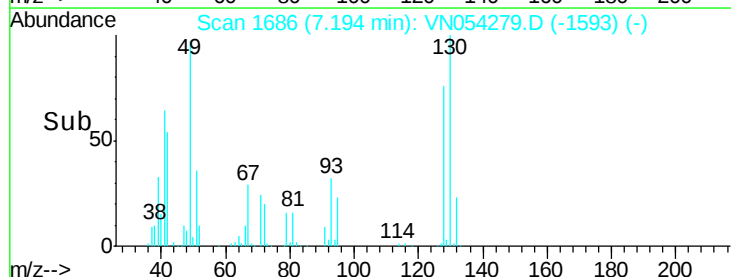
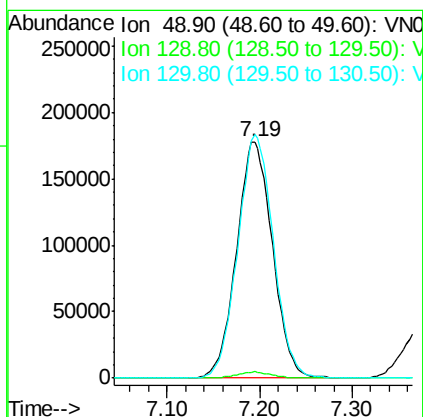
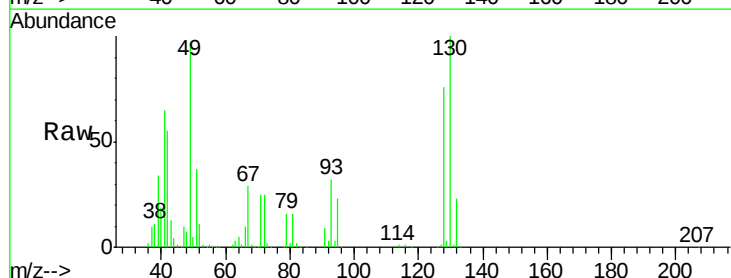
Tgt Ion: 49 Resp: 478535

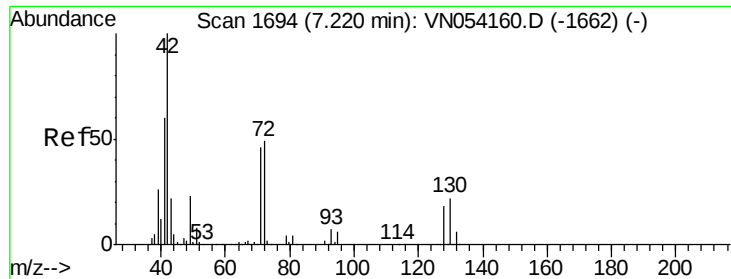
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 101.9 76.7 115.1

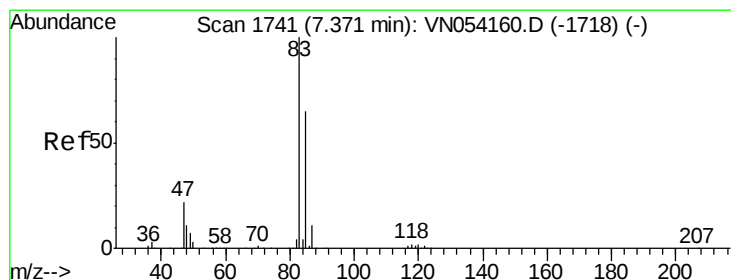
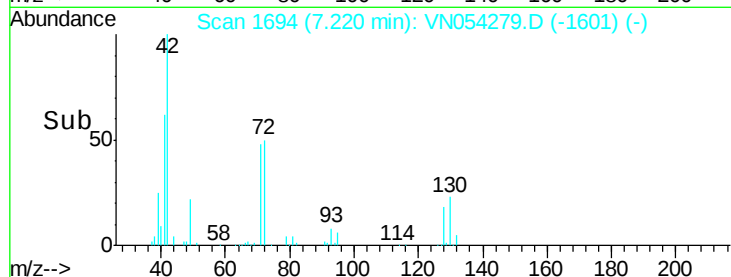
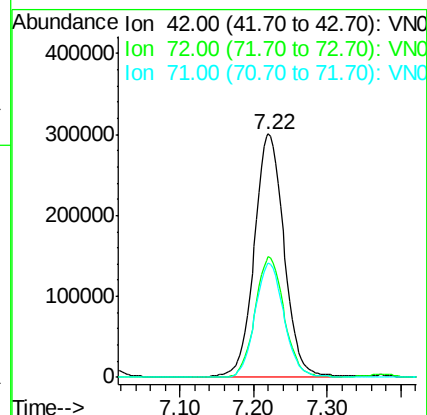
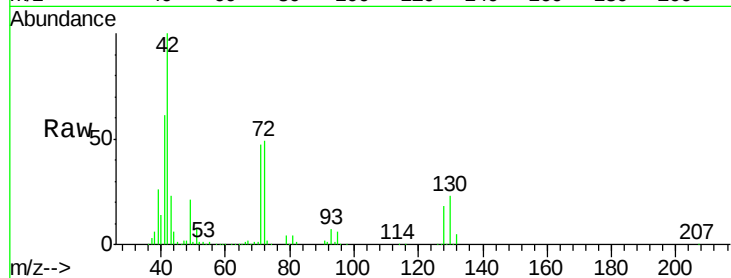




#29  
Tetrahydrofuran  
Concen: 276.012 ug/l  
RT: 7.22 min Scan# 1694  
Delta R.T. 0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

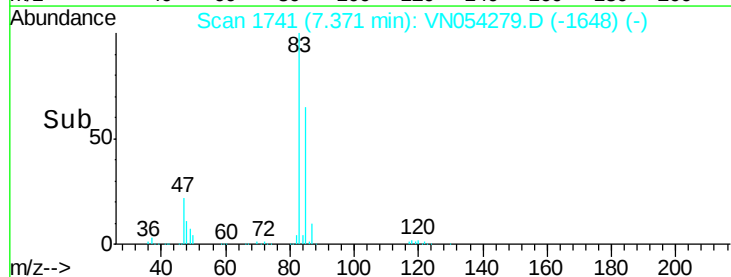
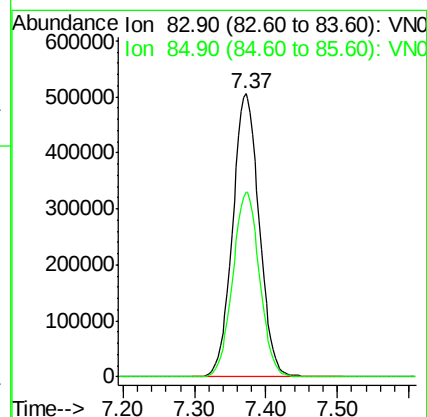
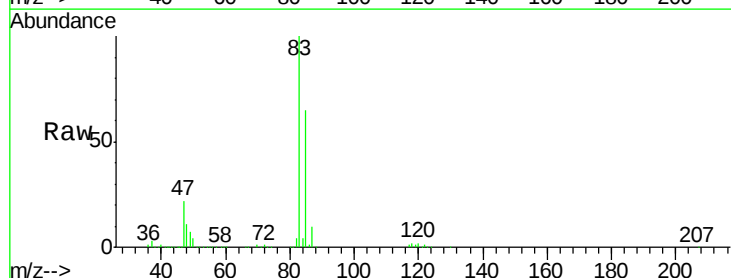
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

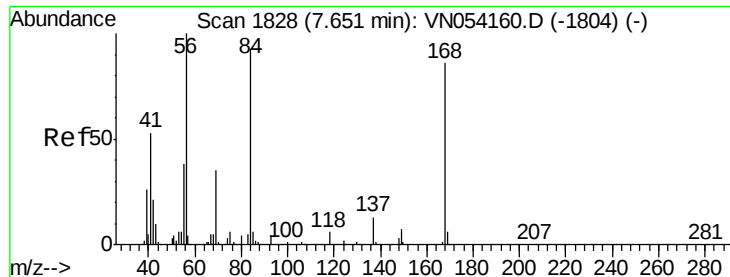
Tot Ion: 42 Resp: 843685  
Ion Ratio Lower Upper  
42 100  
72 48.3 37.8 56.6  
71 45.8 36.2 54.2



#30  
Chloroform  
Concen: 55.211 ug/l  
RT: 7.37 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

Tgt Ion: 83 Resp: 1310882  
Ion Ratio Lower Upper  
83 100  
85 65.3 52.2 78.4

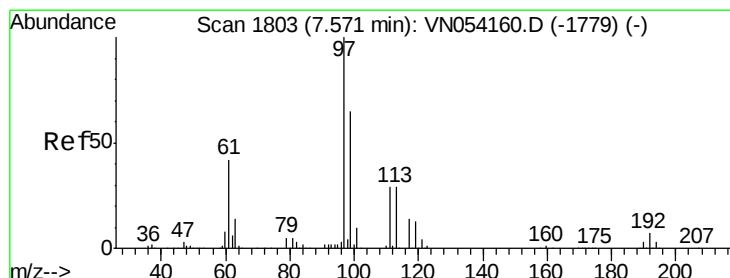
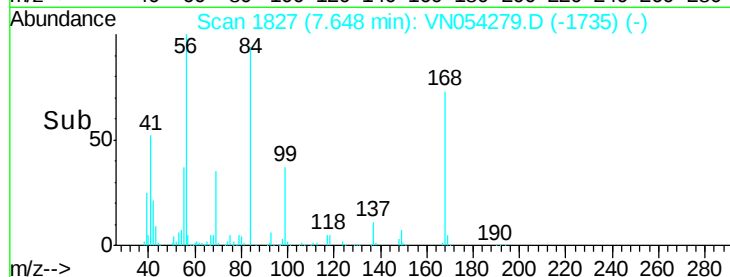
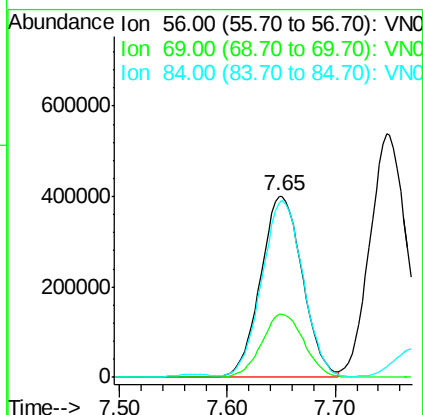
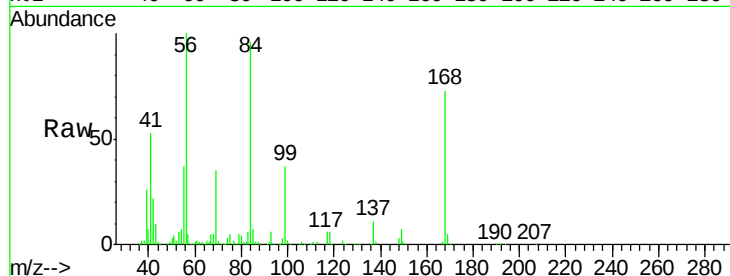




#31  
Cyclohexane  
Concen: 50.661 ug/l  
RT: 7.65 min Scan# 1827  
Delta R.T. -0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

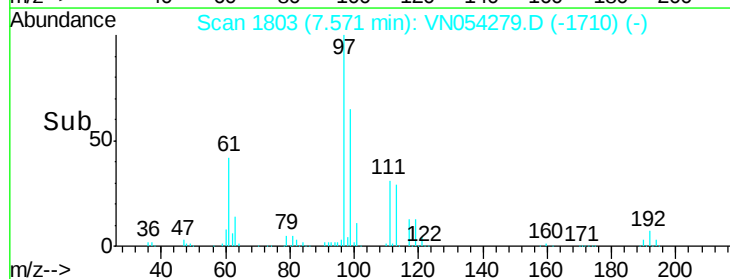
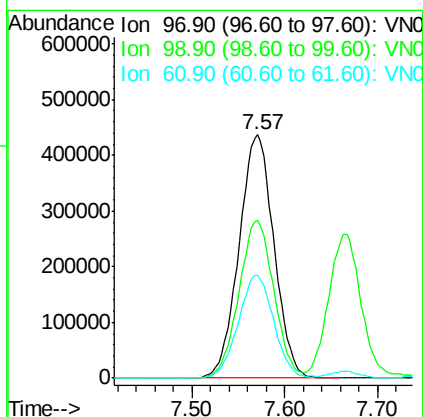
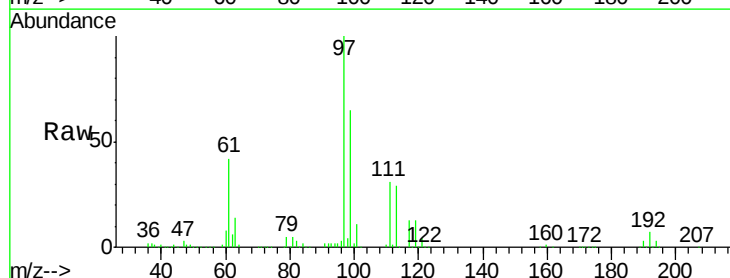
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

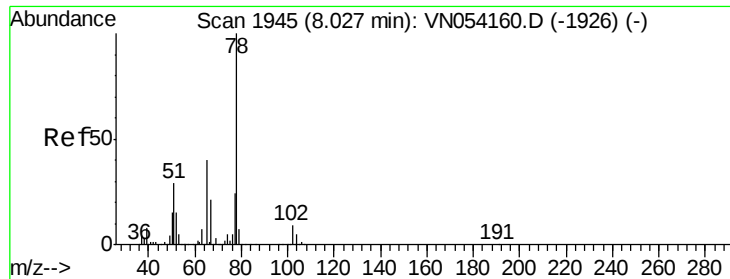
Tot Ion: 56 Resp: 1077346  
Ion Ratio Lower Upper  
56 100  
69 34.7 27.8 41.6  
84 94.8 74.6 111.8



#32  
1,1,1-Trichloroethane  
Concen: 53.205 ug/l  
RT: 7.57 min Scan# 1803  
Delta R.T. 0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

Tgt Ion: 97 Resp: 1140884  
Ion Ratio Lower Upper  
97 100  
99 64.8 51.5 77.3  
61 42.7 33.6 50.4

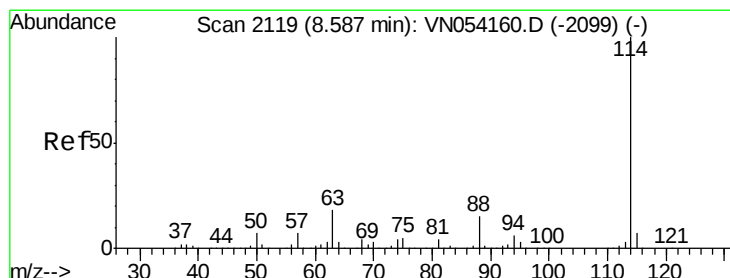
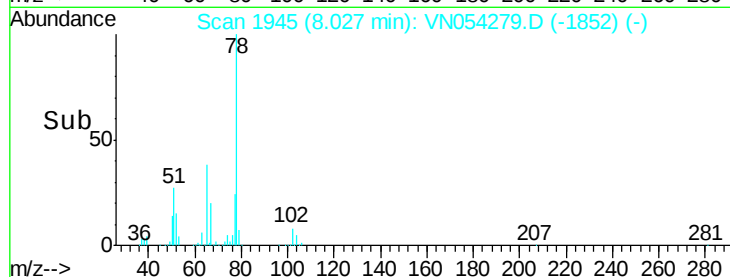
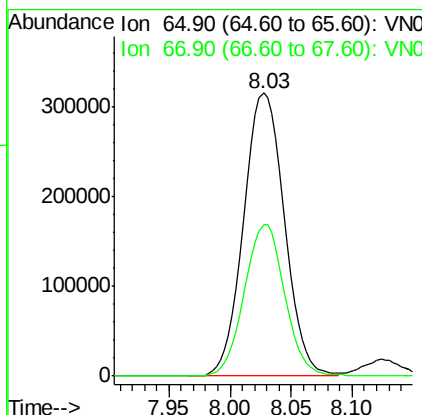
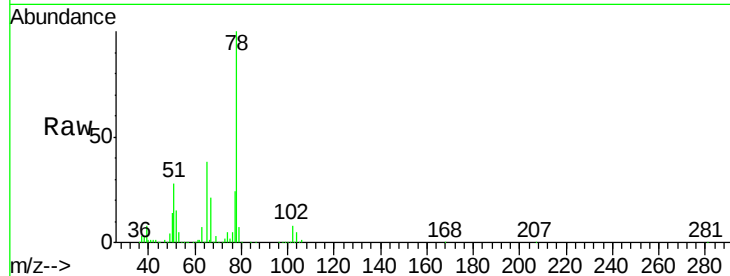




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.676 ug/l  
 RT: 8.03 min Scan# 1945  
 Delta R.T. 0.00 min  
 Lab File: VN054279.D  
 Acq: 14 Mar 2019 23:32

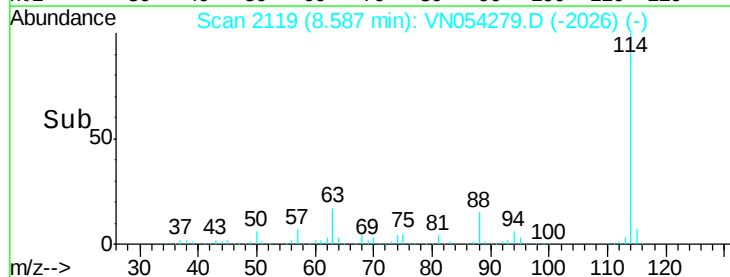
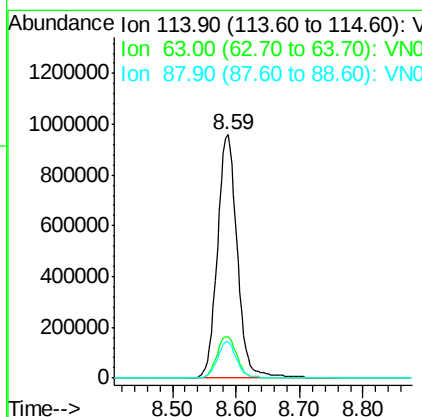
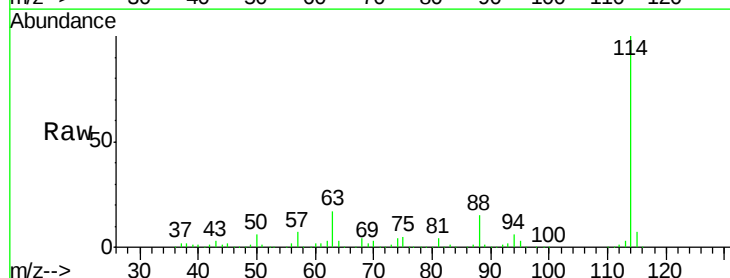
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

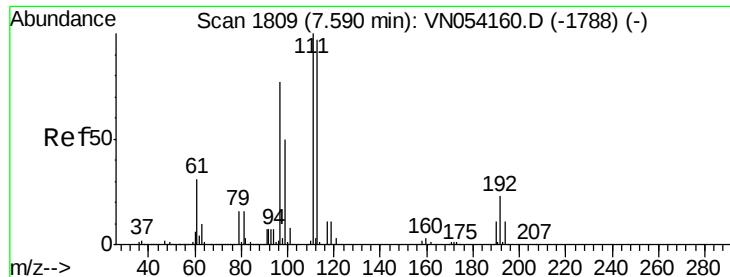
Tot Ion: 65 Resp: 731048  
 Ion Ratio Lower Upper  
 65 100  
 67 53.1 0.0 104.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: VN054279.D  
 Acq: 14 Mar 2019 23:32

Tgt Ion: 114 Resp: 2078792  
 Ion Ratio Lower Upper  
 114 100  
 63 17.2 0.0 35.2  
 88 14.8 0.0 30.2

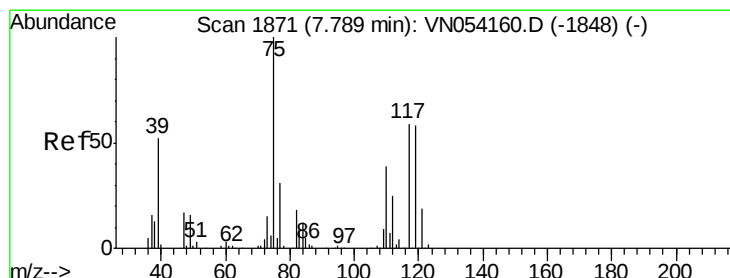
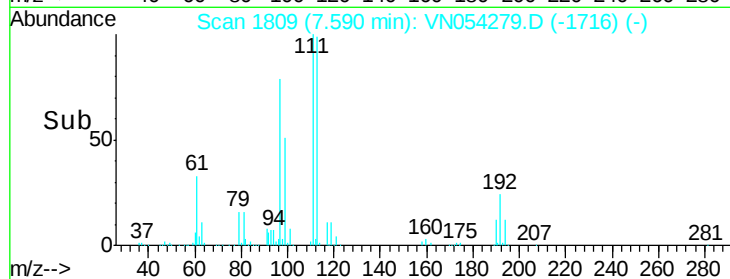
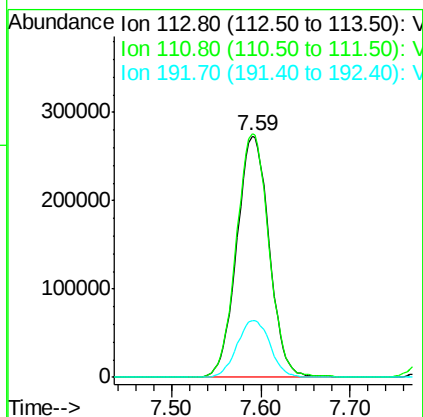
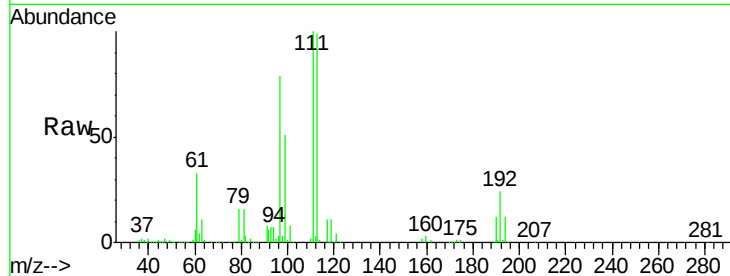




#35  
 Dibromofluoromethane  
 Concen: 51.427 ug/l  
 RT: 7.59 min Scan# 1809  
 Delta R.T. 0.00 min  
 Lab File: VN054279.D  
 Acq: 14 Mar 2019 23:32

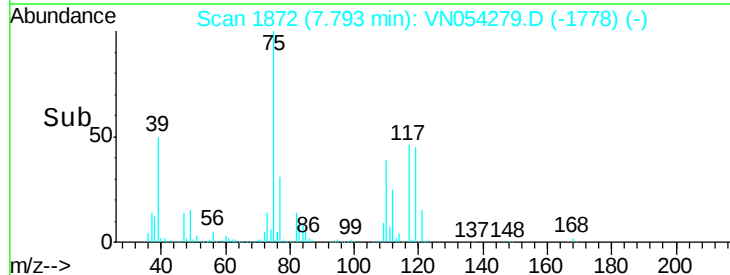
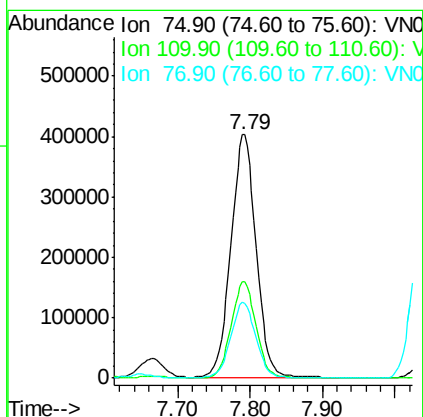
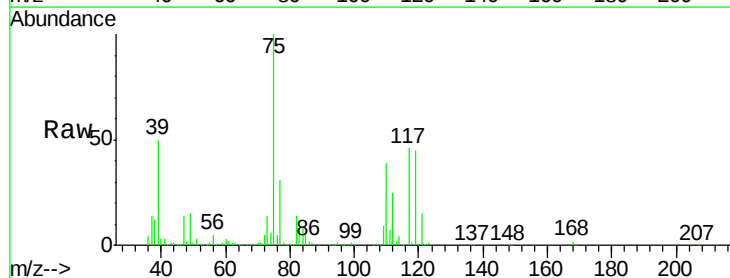
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

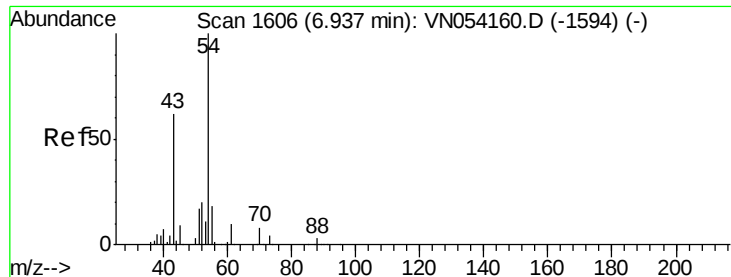
Tot Ion:113 Resp: 689495  
 Ion Ratio Lower Upper  
 113 100  
 111 101.5 82.2 123.4  
 192 24.2 19.2 28.8



#36  
 1,1-Dichloropropene  
 Concen: 50.948 ug/l  
 RT: 7.79 min Scan# 1872  
 Delta R.T. 0.00 min  
 Lab File: VN054279.D  
 Acq: 14 Mar 2019 23:32

Tgt Ion: 75 Resp: 975340  
 Ion Ratio Lower Upper  
 75 100  
 110 39.2 19.1 57.5  
 77 31.1 25.0 37.4

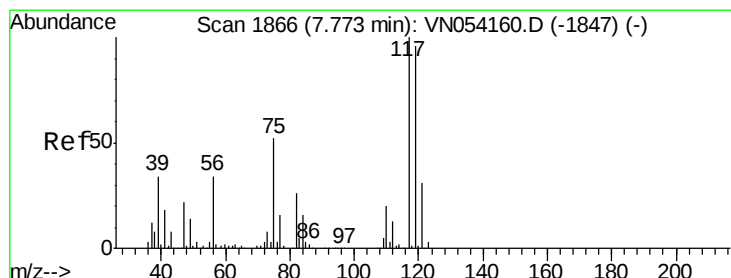
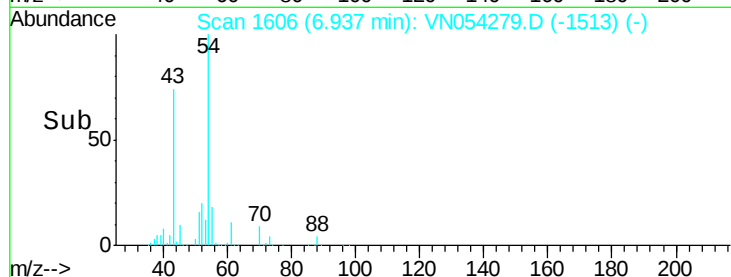
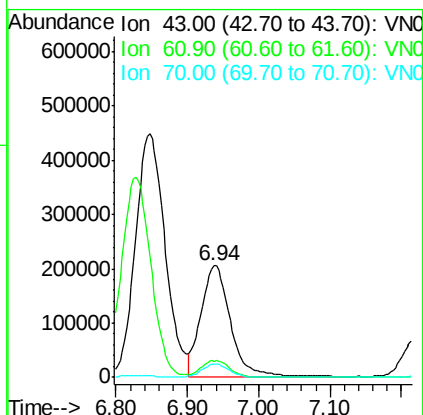
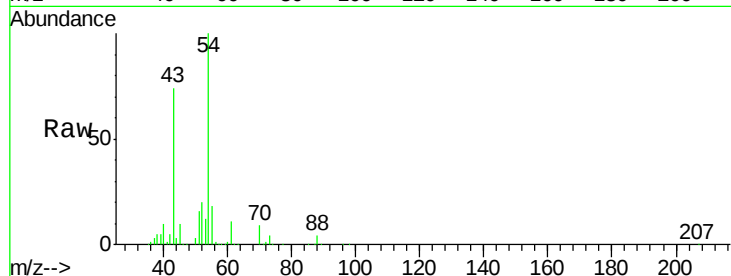




#37  
Ethyl Acetate  
Concen: 52.749 ug/l  
RT: 6.94 min Scan# 1606  
Delta R.T. 0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

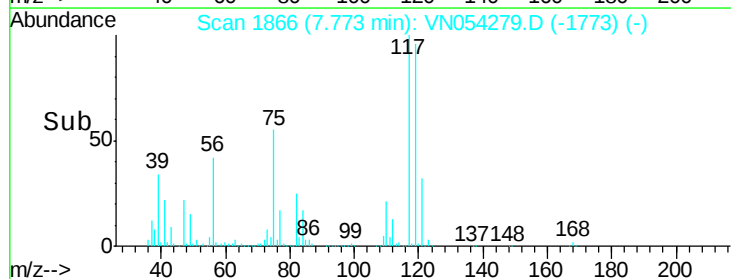
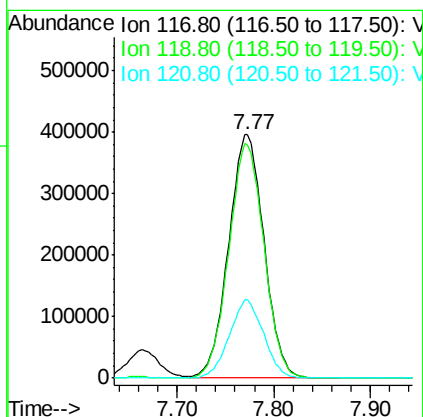
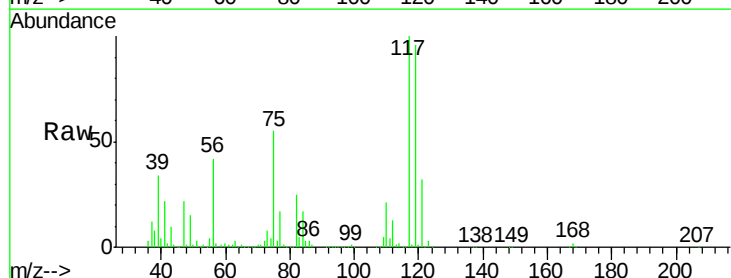
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

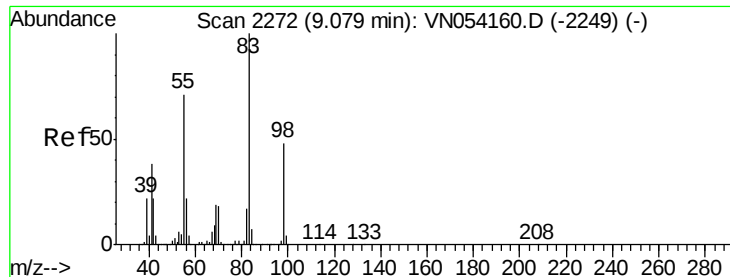
Tot Ion: 43 Resp: 580228  
Ion Ratio Lower Upper  
43 100  
61 14.7 11.8 17.6  
70 11.0 8.4 12.6



#38  
Carbon Tetrachloride  
Concen: 49.993 ug/l  
RT: 7.77 min Scan# 1866  
Delta R.T. 0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

Tgt Ion: 117 Resp: 1003645  
Ion Ratio Lower Upper  
117 100  
119 96.0 76.3 114.5  
121 32.0 24.6 36.8

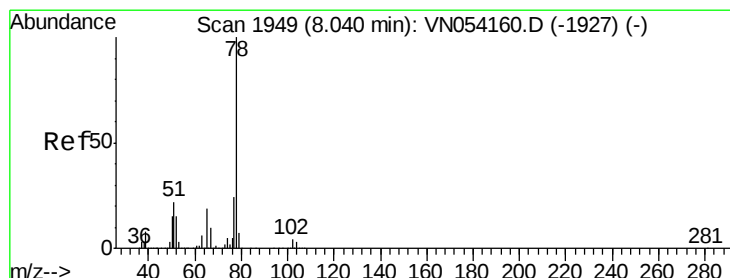
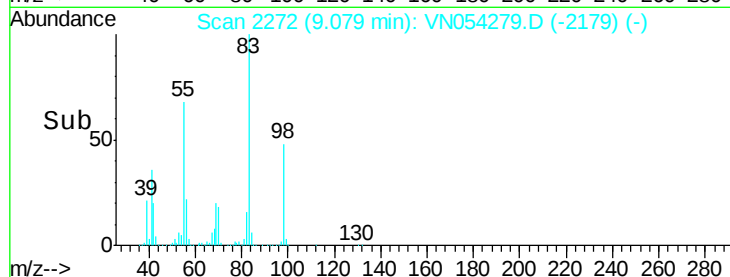
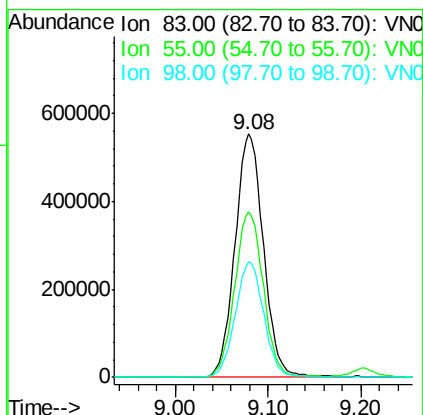
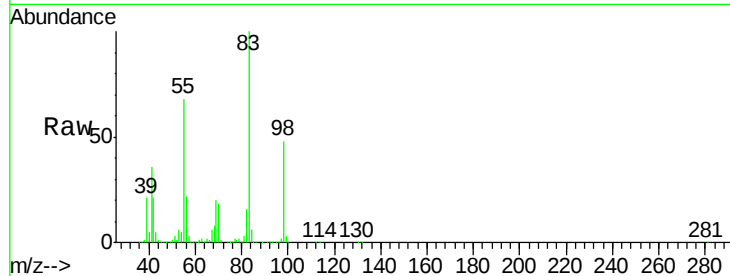




#39  
Methvlcvclohexane  
Concen: 50.112 ug/l  
RT: 9.08 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

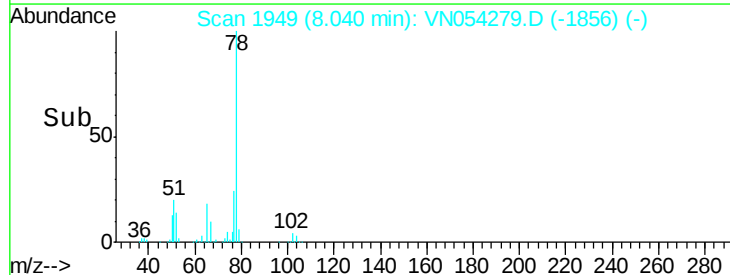
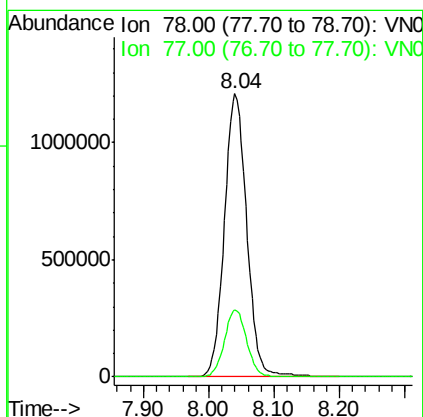
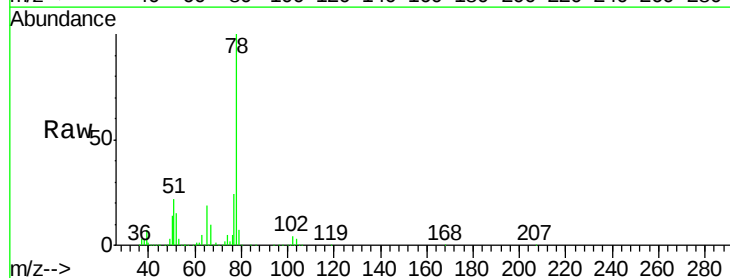
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

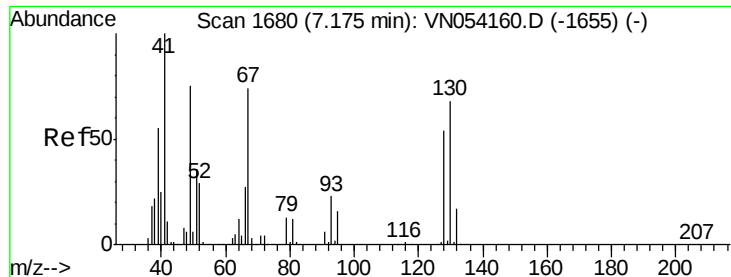
Tot Ion: 83 Resp: 1180351  
Ion Ratio Lower Upper  
83 100  
55 68.2 56.6 84.8  
98 47.7 38.4 57.6



#40  
Benzene  
Concen: 52.465 ug/l  
RT: 8.04 min Scan# 1949  
Delta R.T. 0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

Tgt Ion: 78 Resp: 2874154  
Ion Ratio Lower Upper  
78 100  
77 23.8 19.1 28.7

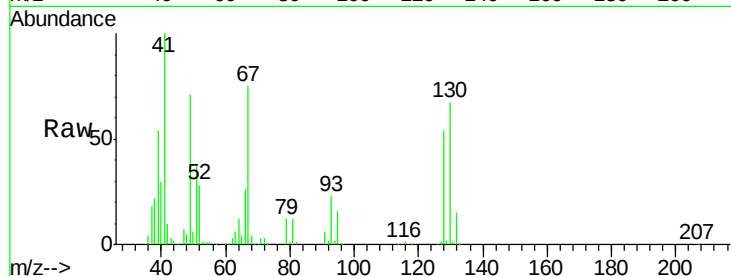




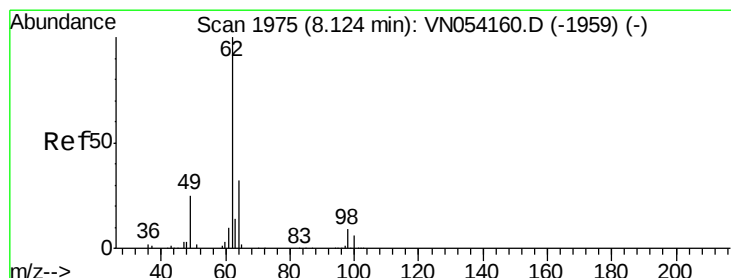
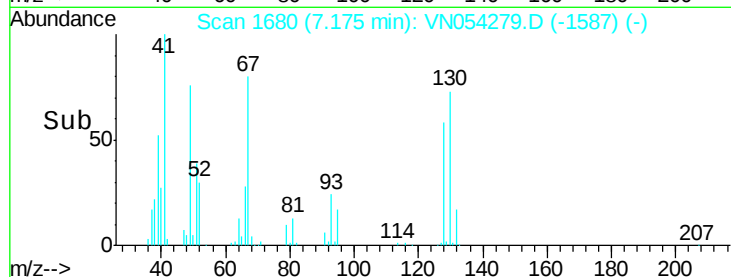
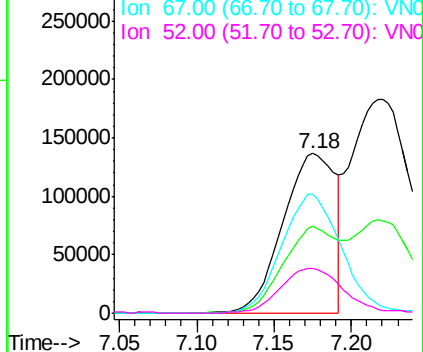
#41  
Methacrylonitrile  
Concen: 50.750 ug/l  
RT: 7.18 min Scan# 1680  
Delta R.T. 0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 41 Resp: 318742  
Ion Ratio Lower Upper  
41 100  
39 56.7 46.8 70.2  
67 86.6 67.0 100.4  
52 33.3 26.5 39.7

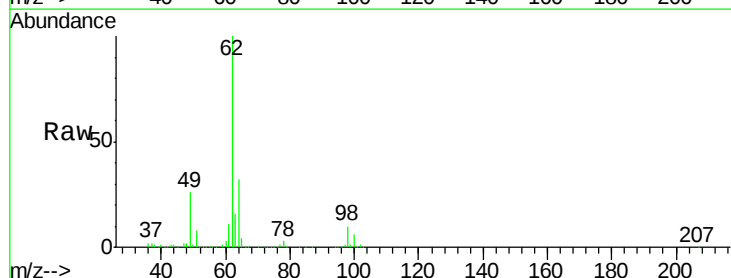


Abundance Ion 41.00 (40.70 to 41.70): VNC  
Ion 39.00 (38.70 to 39.70): VNC  
Ion 67.00 (66.70 to 67.70): VNC  
Ion 52.00 (51.70 to 52.70): VNC

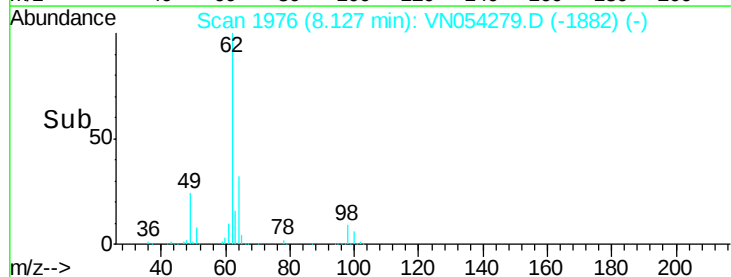
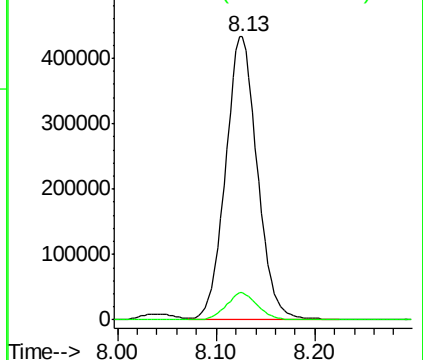


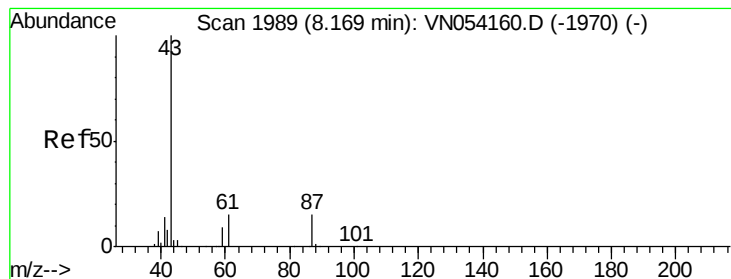
#42  
1,2-Dichloroethane  
Concen: 52.421 ug/l  
RT: 8.13 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

Tgt Ion: 62 Resp: 969549  
Ion Ratio Lower Upper  
62 100  
98 9.5 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VNC  
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 52.576 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

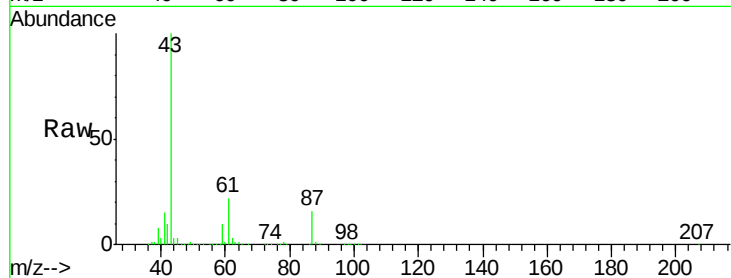
Tot Ion: 43 Resp: 1015121

Ion Ratio Lower Upper

43 100

61 20.9 15.8 23.8

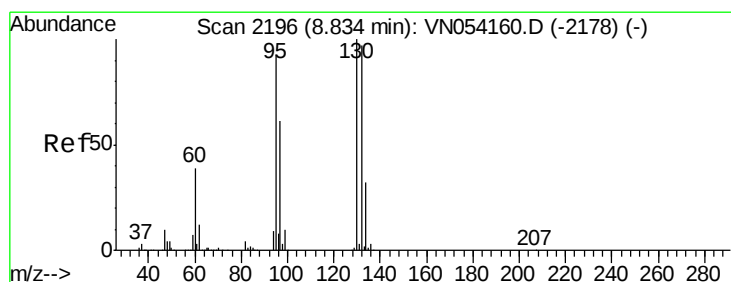
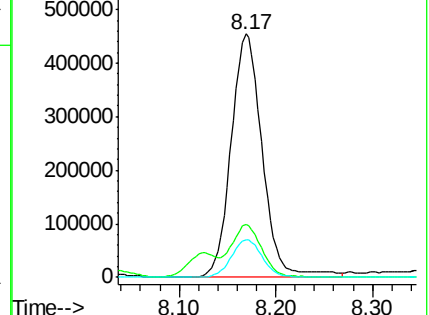
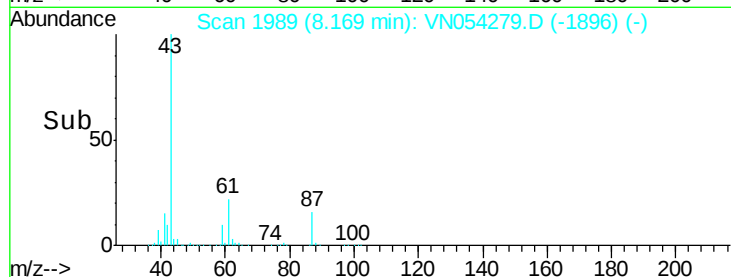
87 15.4 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VN054279.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN054279.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN054279.D (-1896) (-)



#44

Trichloroethene

Concen: 52.387 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN054279.D

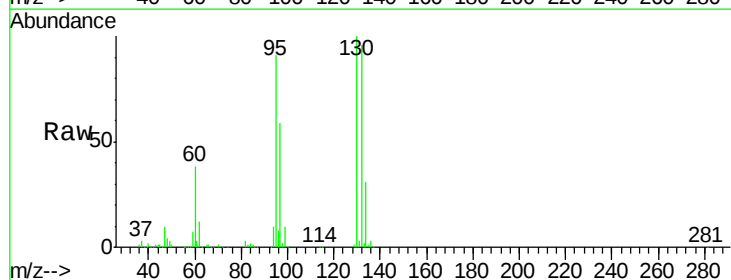
Acq: 14 Mar 2019 23:32

Tgt Ion: 130 Resp: 891524

Ion Ratio Lower Upper

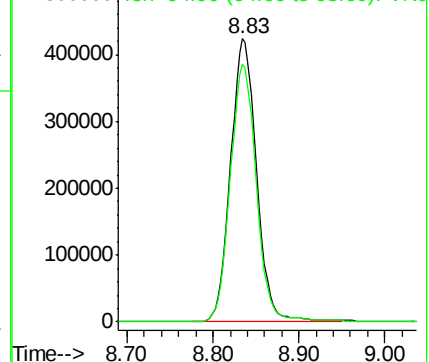
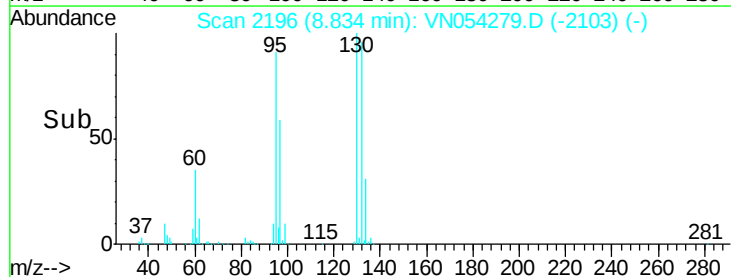
130 100

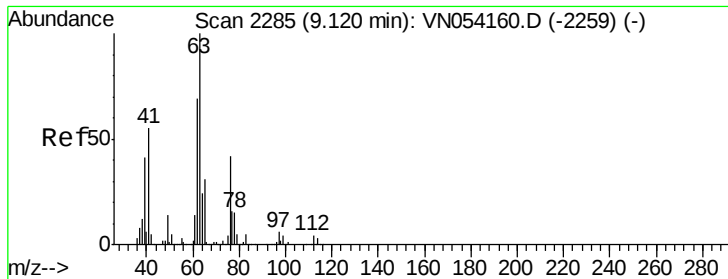
95 91.2 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): VN054279.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN054279.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 53.409 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

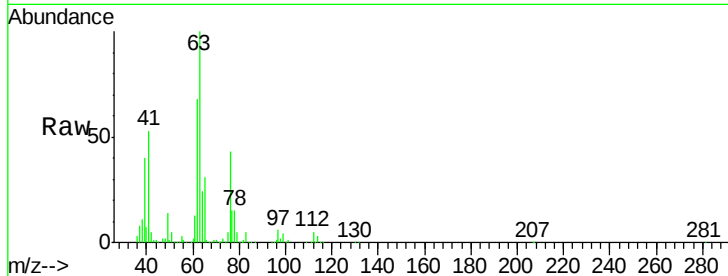
VSTDCCC050

Tot Ion: 63 Resp: 726525

Ion Ratio Lower Upper

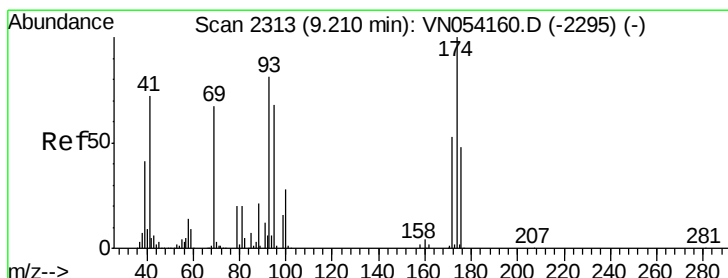
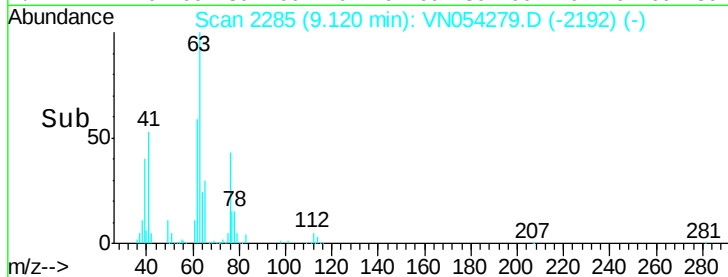
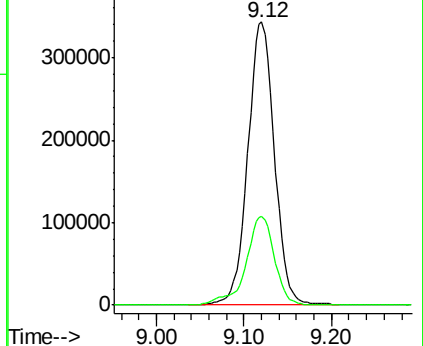
63 100

65 31.2 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN054279.D (-2259) (-)

Ion 64.90 (64.60 to 65.60): VN054279.D (-2259) (-)



#46

Dibromomethane

Concen: 52.987 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

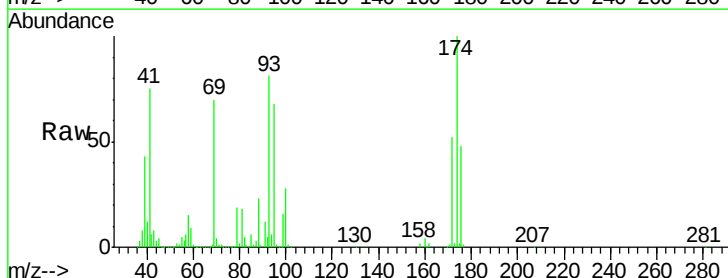
Tgt Ion: 93 Resp: 486999

Ion Ratio Lower Upper

93 100

95 83.7 66.7 100.1

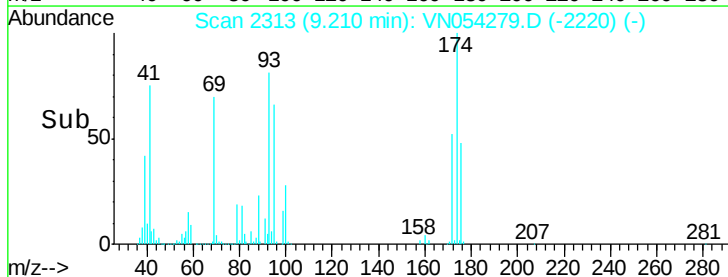
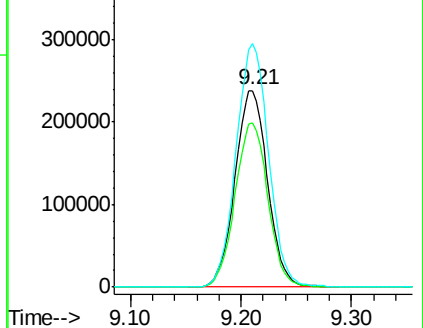
174 124.1 98.5 147.7

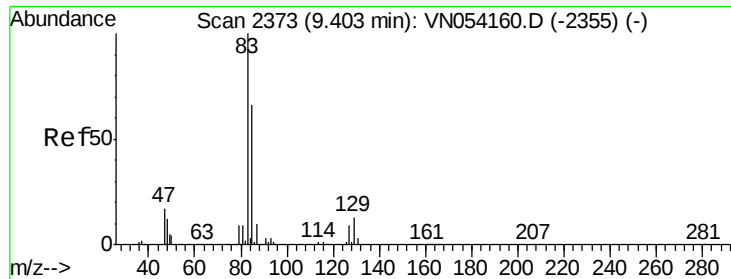


Abundance Ion 92.80 (92.50 to 93.50): VN054279.D (-2220) (-)

Ion 94.80 (94.50 to 95.50): VN054279.D (-2220) (-)

Ion 173.70 (173.40 to 174.40): VN054279.D (-2220) (-)





#47

Bromodichloromethane

Concen: 53.246 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

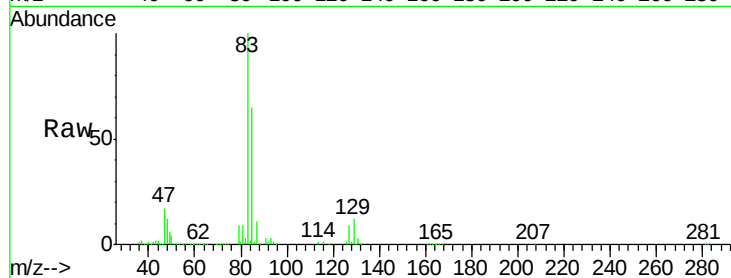
Tot Ion: 83 Resp: 981074

Ion Ratio Lower Upper

83 100

85 64.5 52.8 79.2

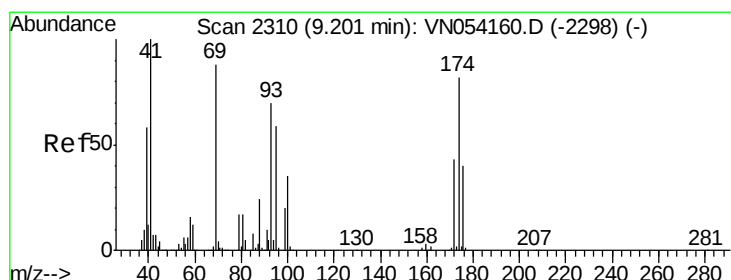
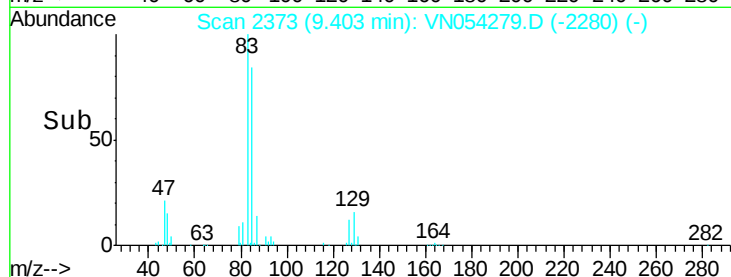
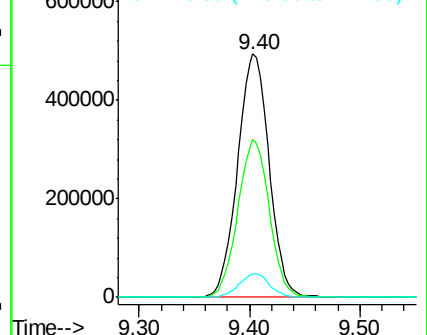
127 9.4 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN054279.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN054279.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN054279.D (-2280) (-)



#48

Methyl methacrylate

Concen: 54.682 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

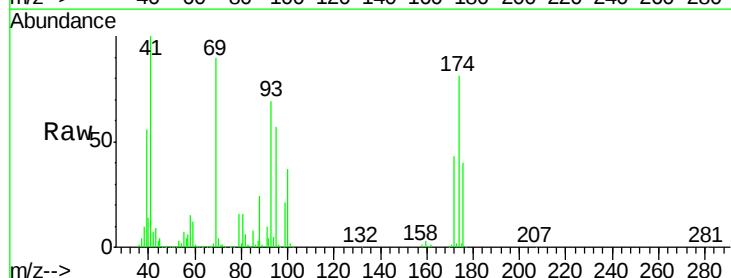
Tgt Ion: 41 Resp: 535798

Ion Ratio Lower Upper

41 100

69 93.8 72.6 108.8

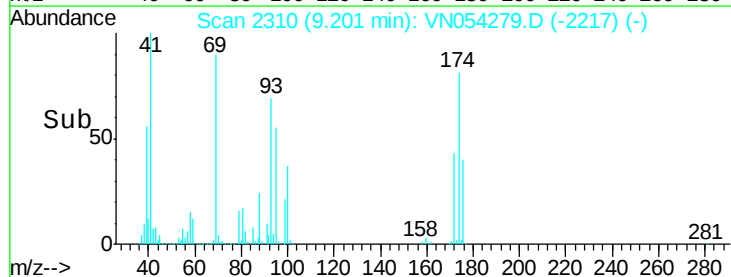
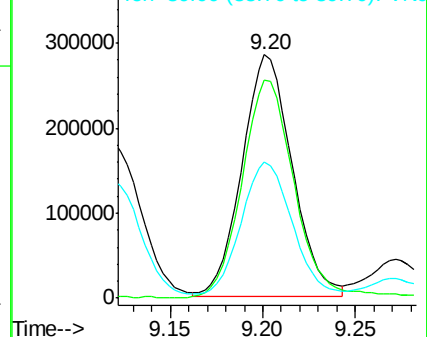
39 57.7 47.5 71.3

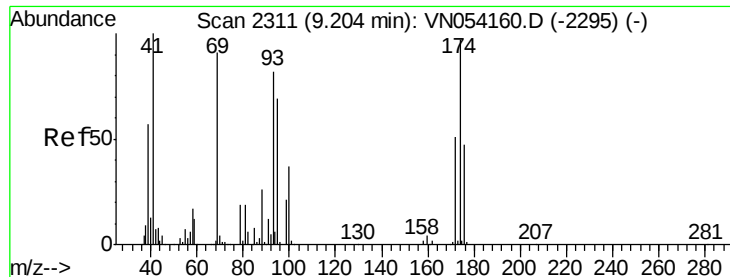


Abundance Ion 41.00 (40.70 to 41.70): VN054279.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN054279.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN054279.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1122.753 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

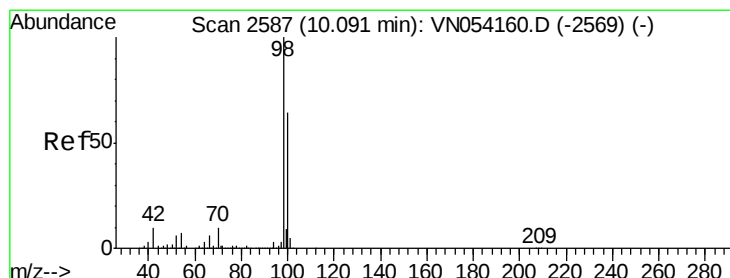
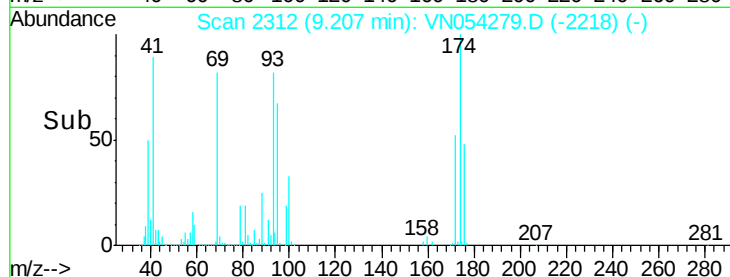
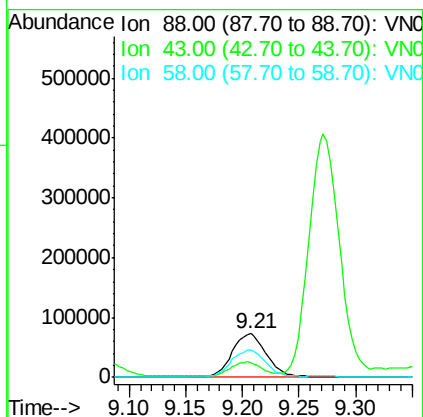
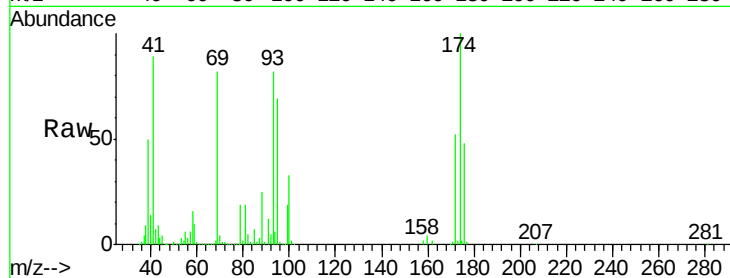
Tot Ion: 88 Resp: 155610

Ion Ratio Lower Upper

88 100

43 29.9 24.1 36.1

58 62.8 50.8 76.2



#50

Toluene-d8

Concen: 50.547 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054279.D

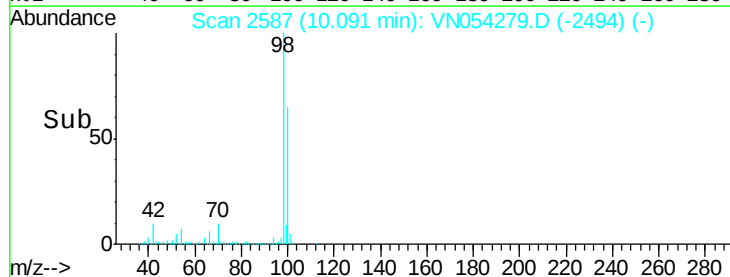
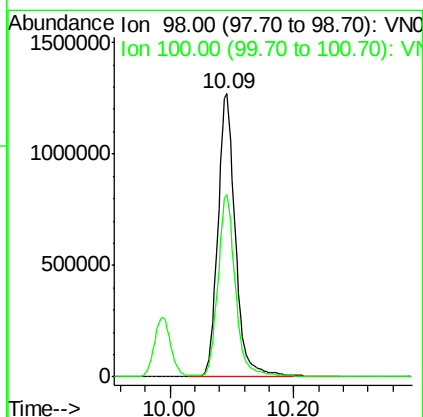
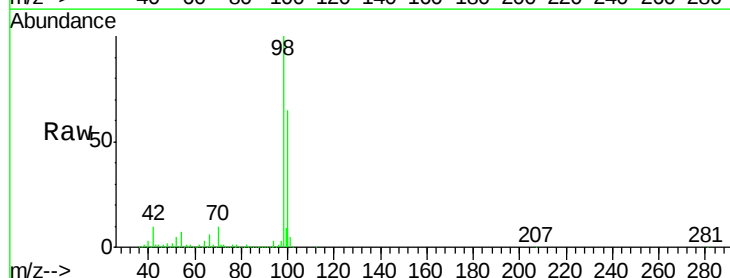
Acq: 14 Mar 2019 23:32

Tgt Ion: 98 Resp: 2502867

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 275.299 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

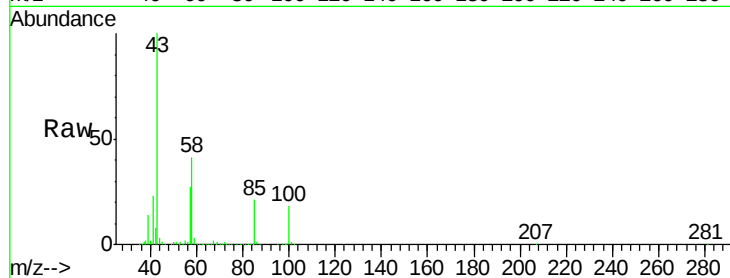
VSTDCCC050

Tot Ion: 43 Resp: 2812946

Ion Ratio Lower Upper

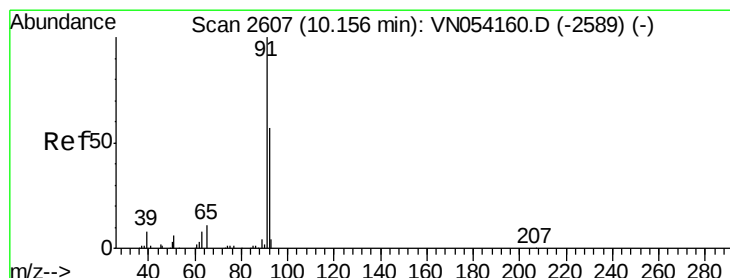
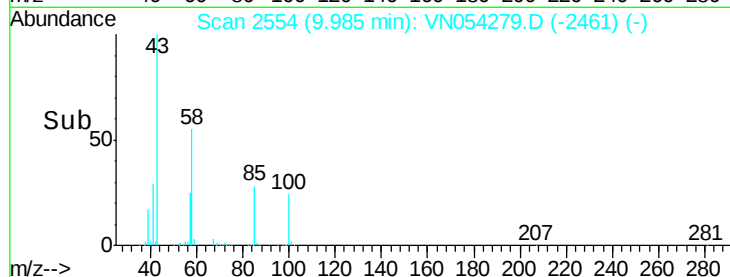
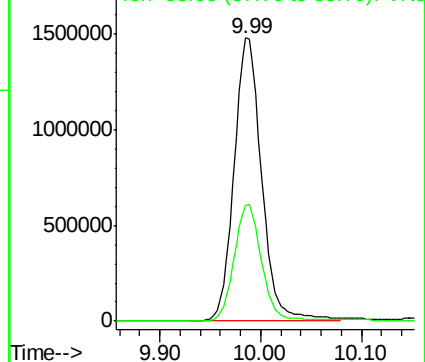
43 100

58 41.0 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 53.507 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054279.D

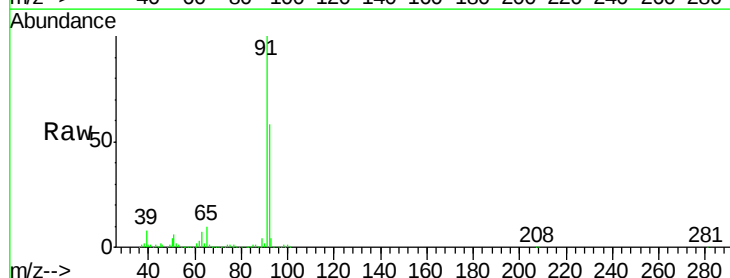
Acq: 14 Mar 2019 23:32

Tgt Ion: 92 Resp: 1858604

Ion Ratio Lower Upper

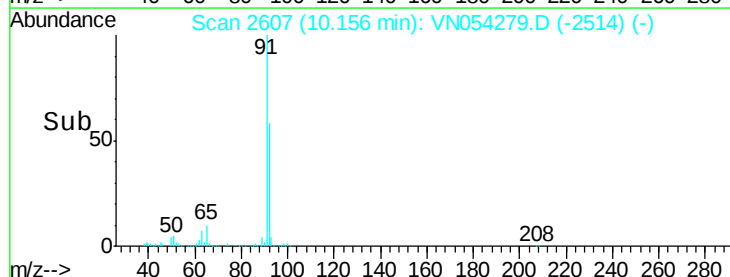
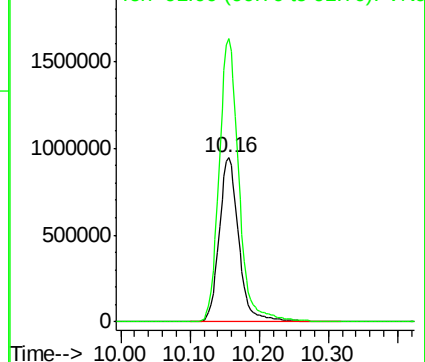
92 100

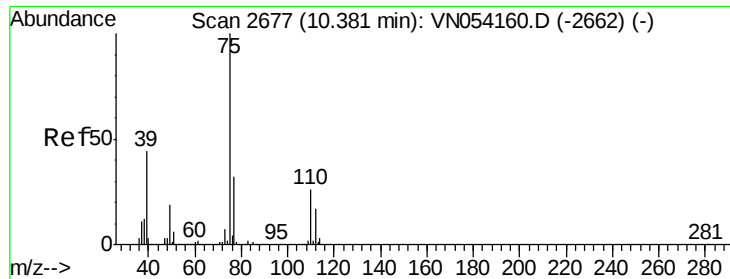
91 173.9 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 44.825 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

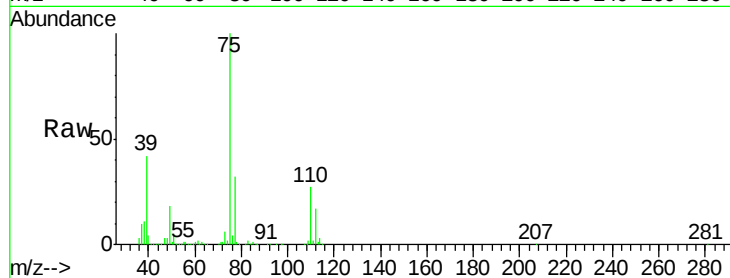
VSTDCCC050

Tot Ion: 75 Resp: 940138

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

500000

400000

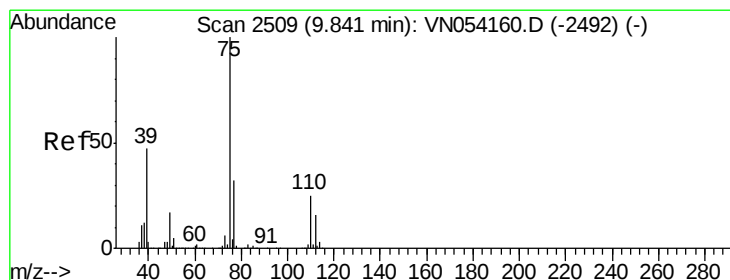
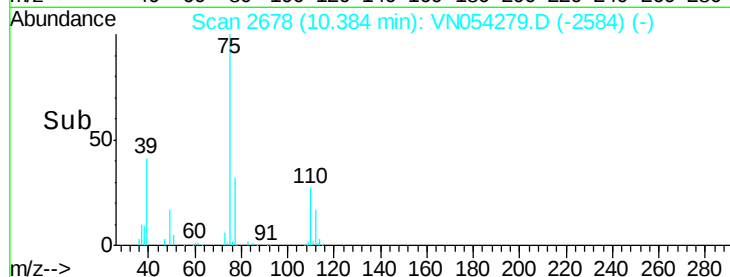
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.821 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

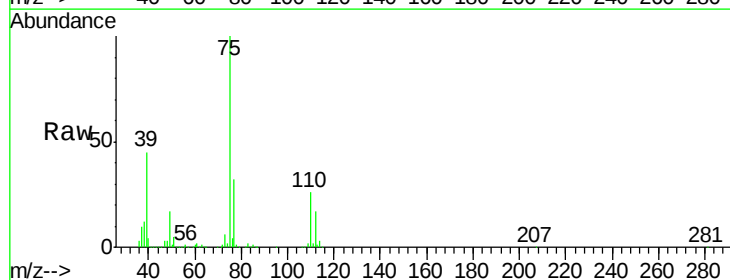
Tgt Ion: 75 Resp: 1091205

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

39 44.9 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

800000

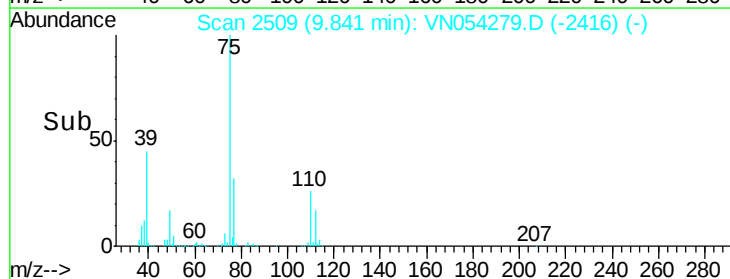
600000

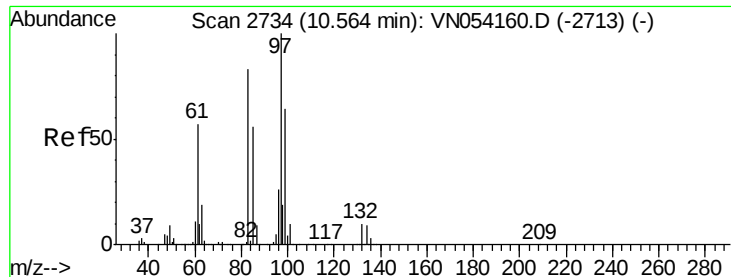
400000

200000

0

Time-->

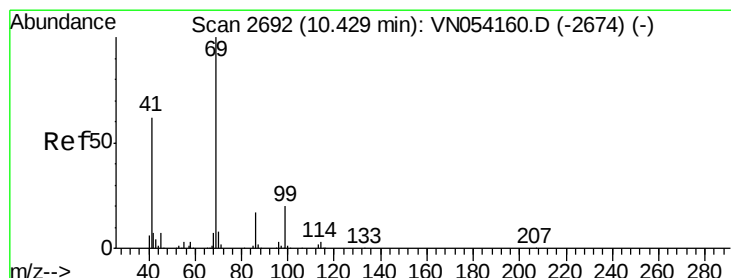
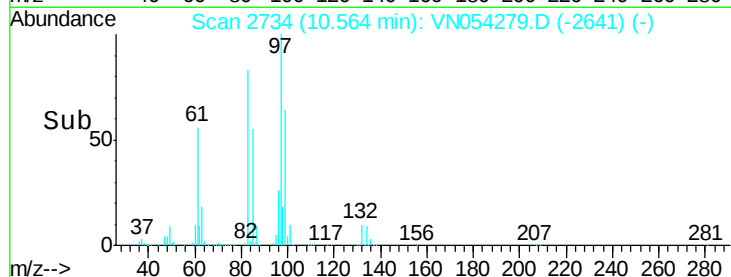
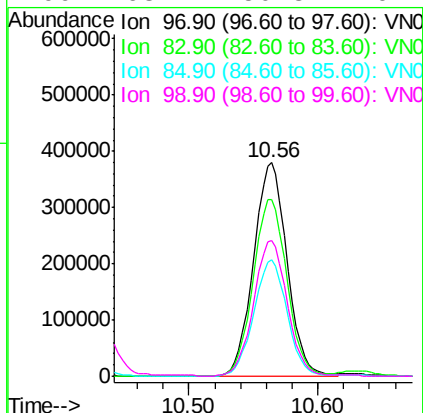
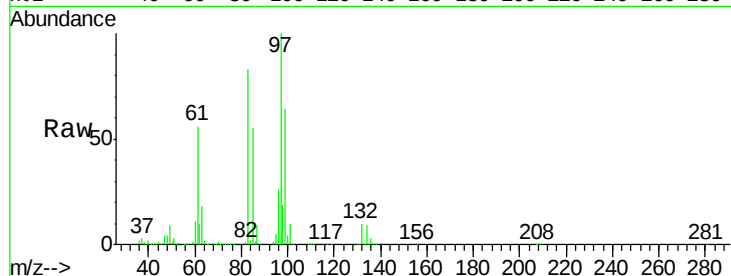




#55  
 1,1,2-Trichloroethane  
 Concen: 54.137 ug/l  
 RT: 10.56 min Scan# 2734  
 Delta R.T. 0.00 min  
 Lab File: VN054279.D  
 Acq: 14 Mar 2019 23:32

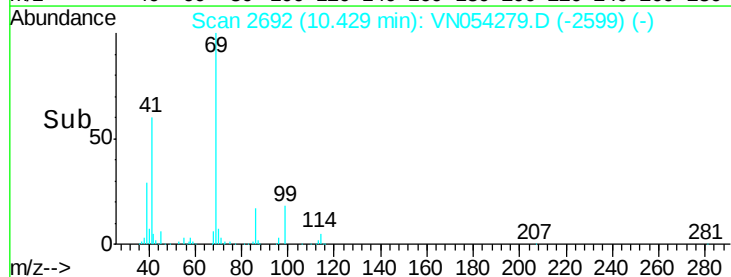
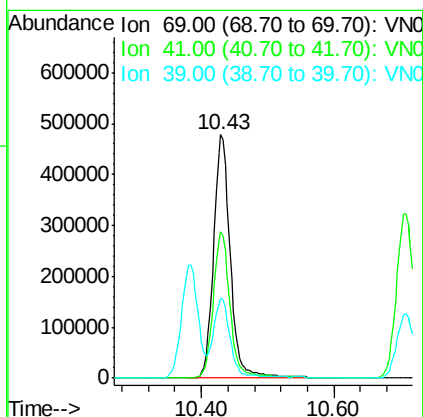
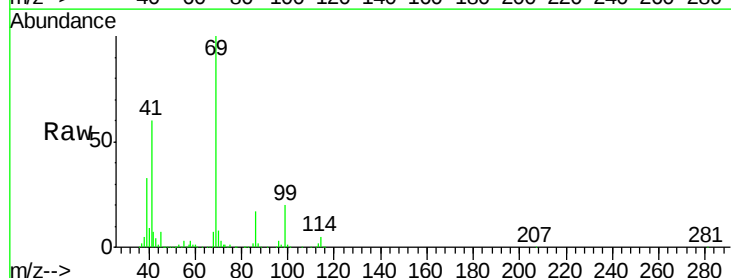
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 VSTDCCC050

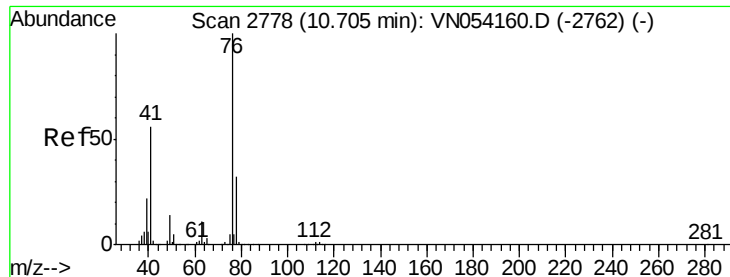
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 686634 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 83.0  | 66.6  | 100.0  |
| 85       | 54.6  | 44.4  | 66.6   |
| 99       | 63.4  | 50.8  | 76.2   |



#56  
 Ethyl methacrylate  
 Concen: 55.332 ug/l  
 RT: 10.43 min Scan# 2692  
 Delta R.T. 0.00 min  
 Lab File: VN054279.D  
 Acq: 14 Mar 2019 23:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 836796 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 59.4  | 49.4  | 74.2   |
| 39       | 32.3  | 28.3  | 42.5   |





#57

1,3-Dichloropropane

Concen: 54.083 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

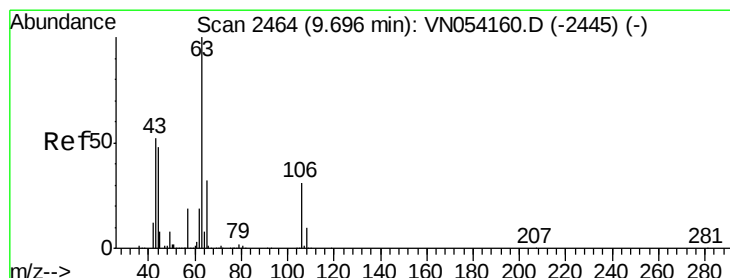
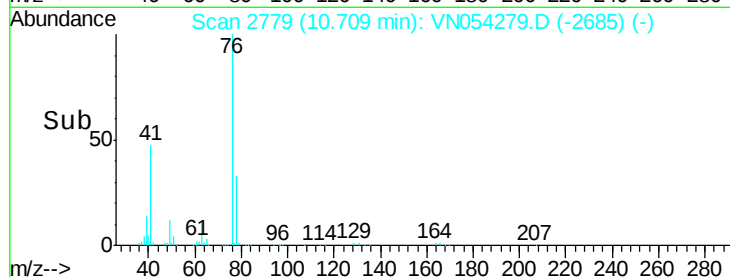
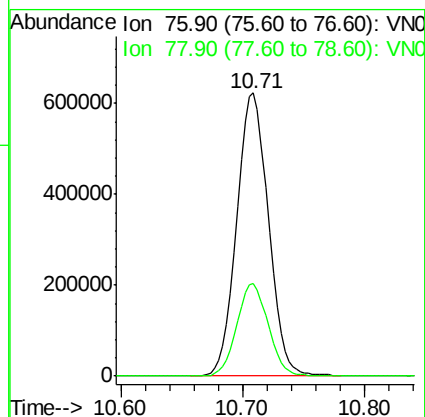
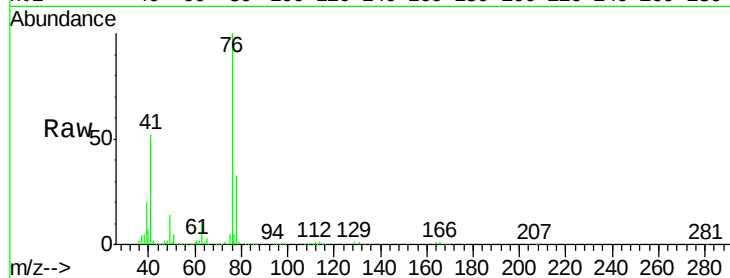
VSTDCCC050

Tot Ion: 76 Resp: 1121614

Ion Ratio Lower Upper

76 100

78 32.5 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 242.105 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN054279.D

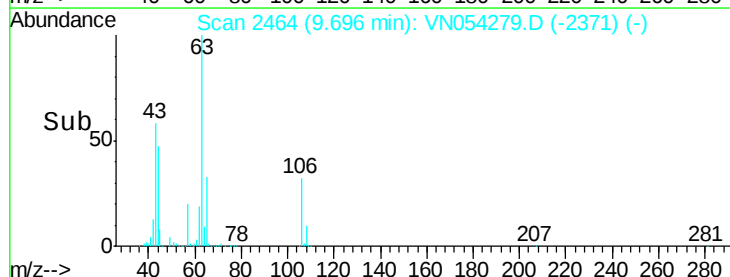
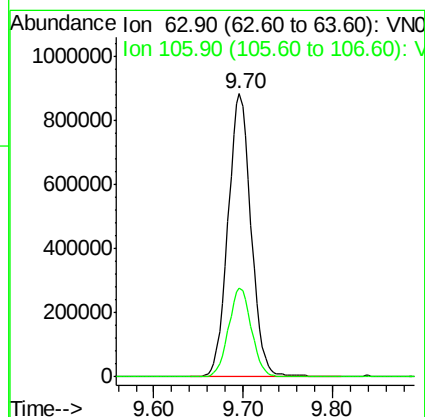
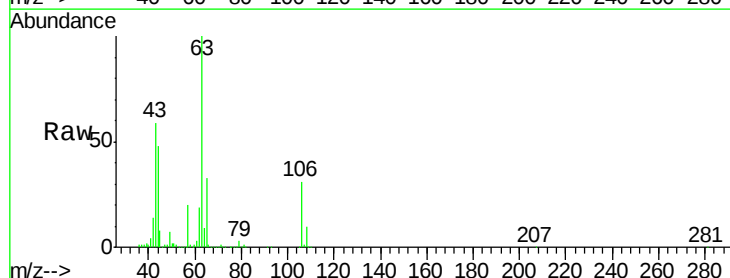
Acq: 14 Mar 2019 23:32

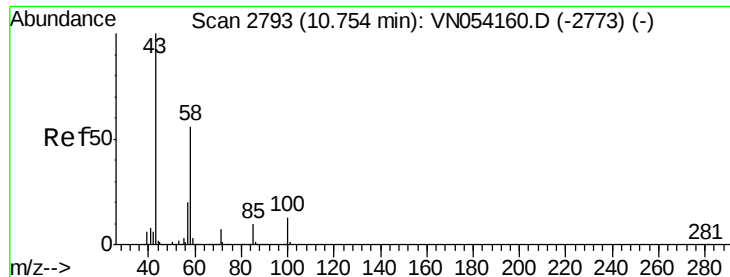
Tgt Ion: 63 Resp: 1584736

Ion Ratio Lower Upper

63 100

106 31.2 24.4 36.6

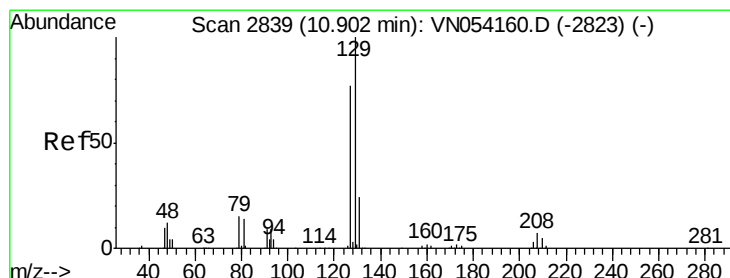
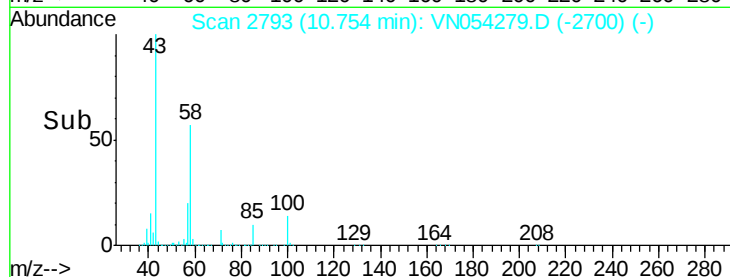
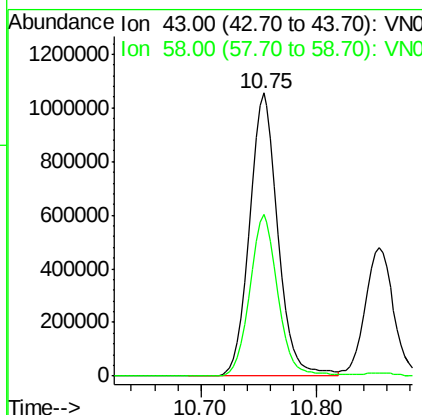
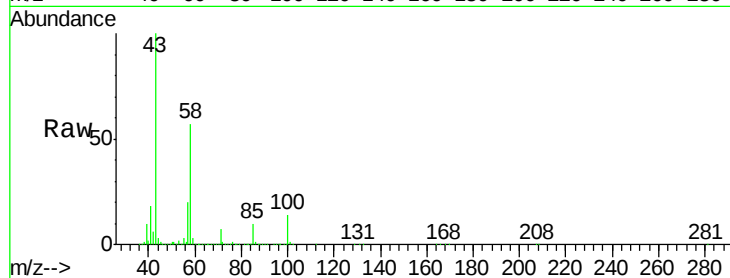




#59  
2-Hexanone  
Concen: 264.809 ug/l  
RT: 10.75 min Scan# 2793  
Delta R.T. 0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

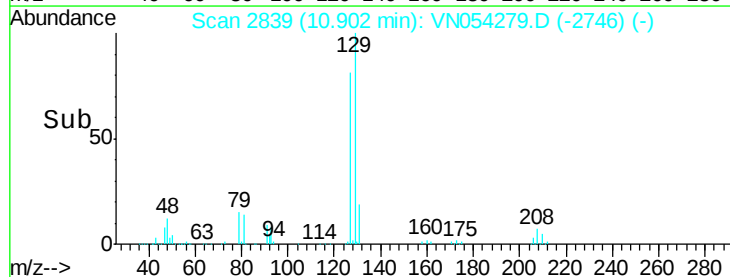
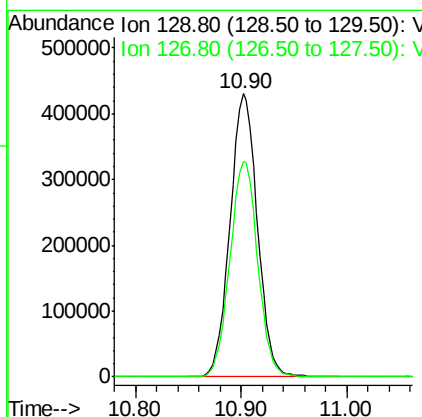
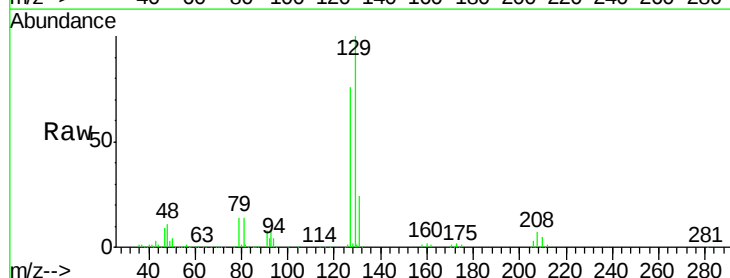
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 1800410  
Ion Ratio Lower Upper  
43 100  
58 56.9 28.0 83.9



#60  
Dibromochloromethane  
Concen: 54.128 ug/l  
RT: 10.90 min Scan# 2839  
Delta R.T. 0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

Tgt Ion: 129 Resp: 772717  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 55.109 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

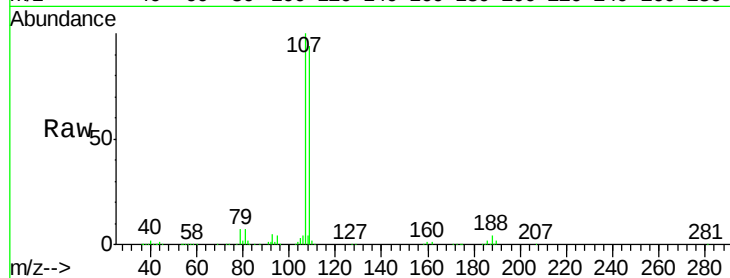
VSTDCCC050

Tot Ion:107 Resp: 710298

Ion Ratio Lower Upper

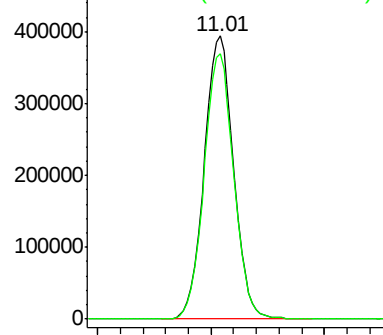
107 100

109 94.9 75.9 113.9

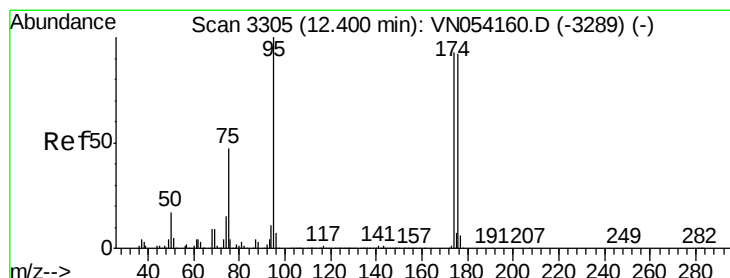
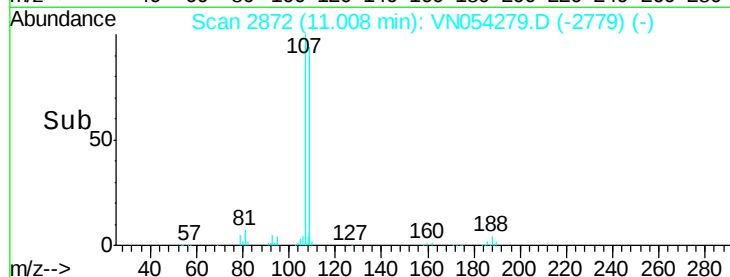


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 50.090 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

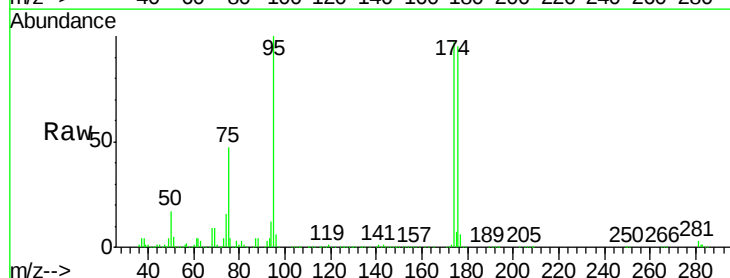
Tgt Ion: 95 Resp: 867825

Ion Ratio Lower Upper

95 100

174 98.0 0.0 191.0

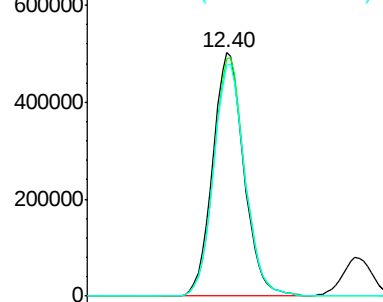
176 96.0 0.0 187.4



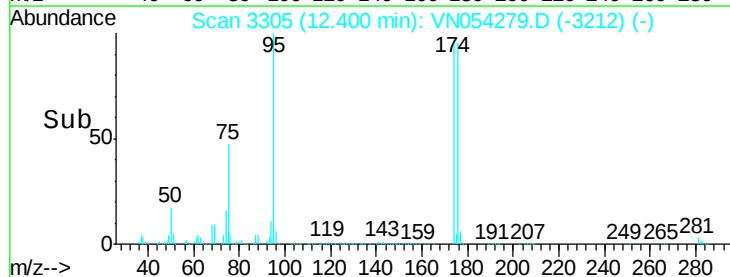
Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time--> 12.30 12.40 12.50

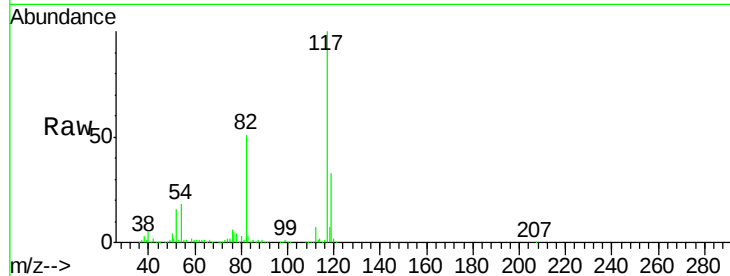




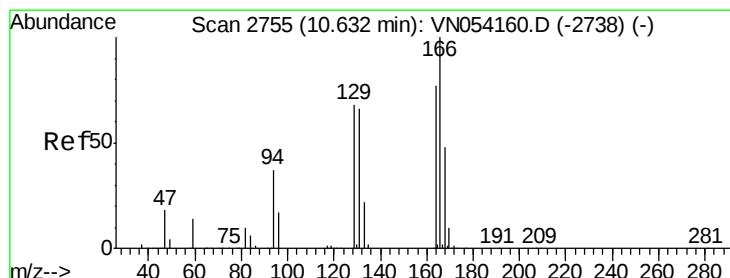
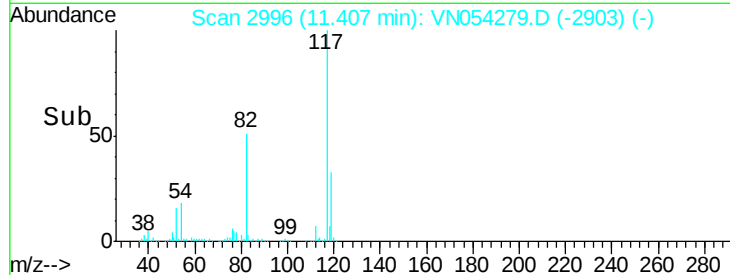
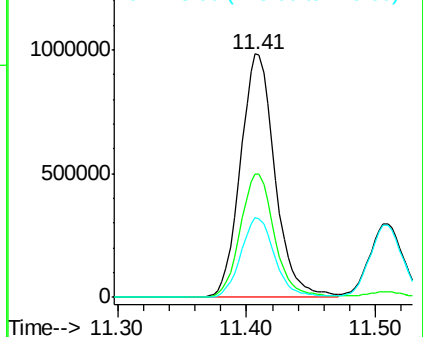
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 2996  
Delta R.T. 0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

Tot Ion:117 Resp: 1833002  
Ion Ratio Lower Upper  
117 100  
82 50.7 40.0 60.0  
119 32.6 25.8 38.6

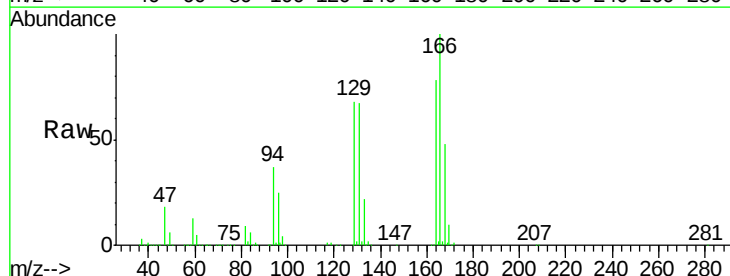


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

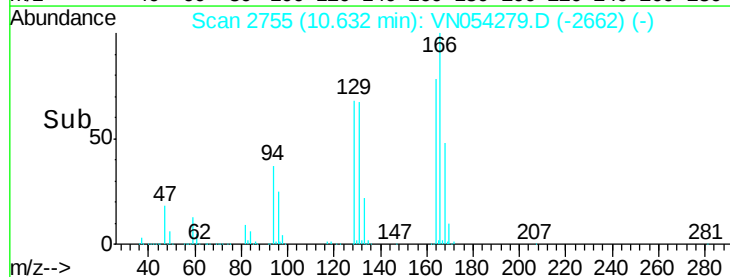
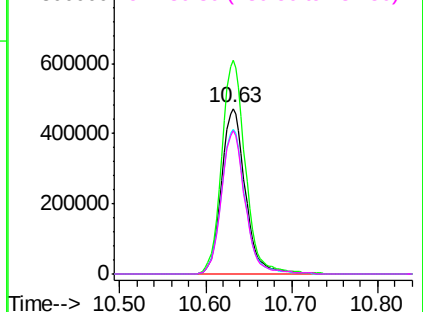


#64  
Tetrachloroethene  
Concen: 51.336 ug/l  
RT: 10.63 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

Tgt Ion:164 Resp: 909786  
Ion Ratio Lower Upper  
164 100  
166 128.9 103.9 155.9  
129 87.7 71.1 106.7  
131 86.1 68.2 102.4



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 53.132 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

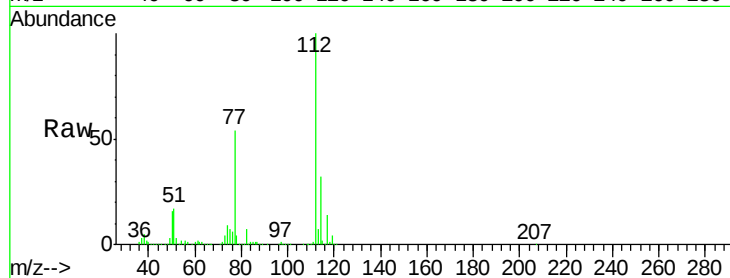
VSTDCCC050

Tot Ion:112 Resp: 2138432

Ion Ratio Lower Upper

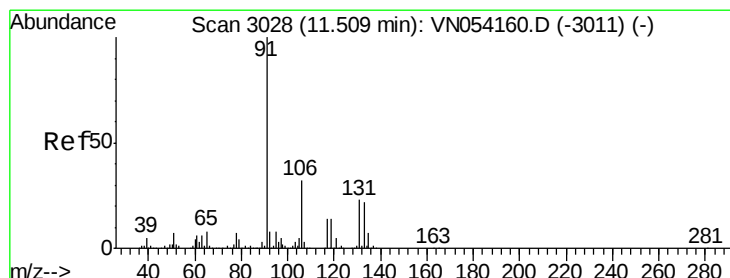
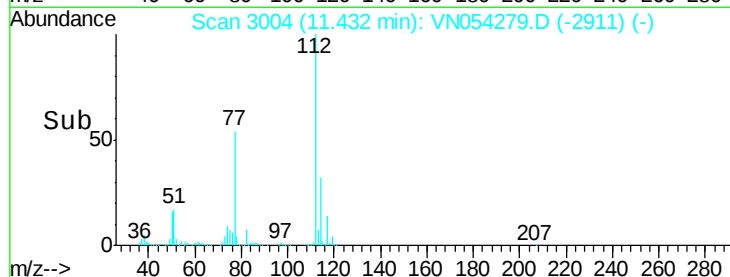
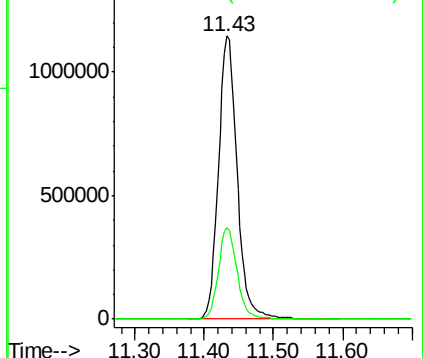
112 100

114 32.4 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.509 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

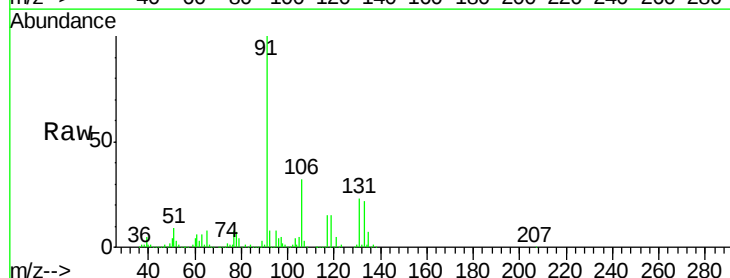
Tgt Ion:131 Resp: 796978

Ion Ratio Lower Upper

131 100

133 94.5 47.6 142.9

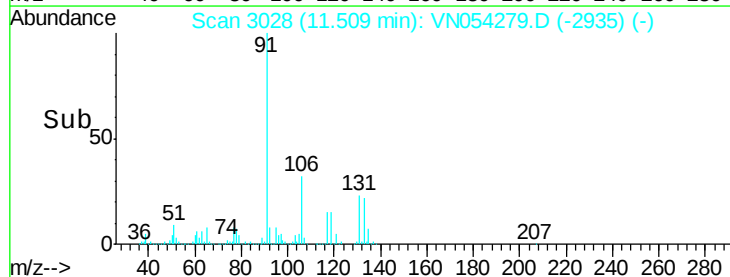
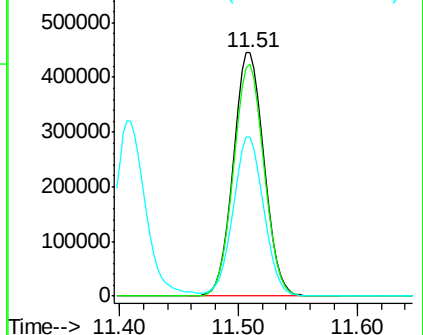
119 65.2 32.4 97.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

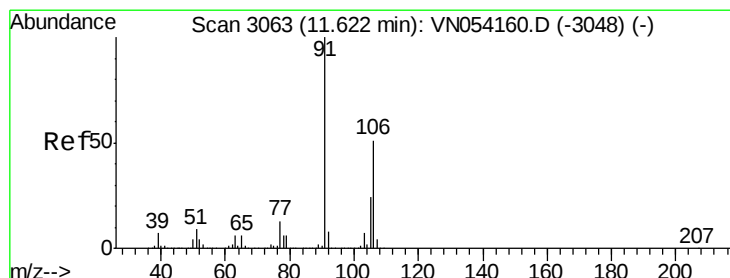
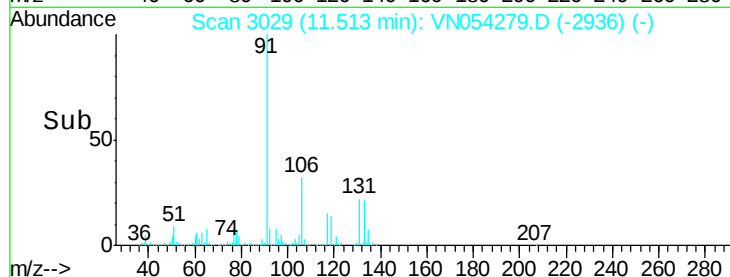
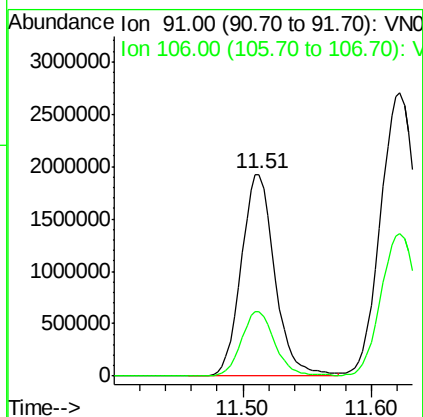
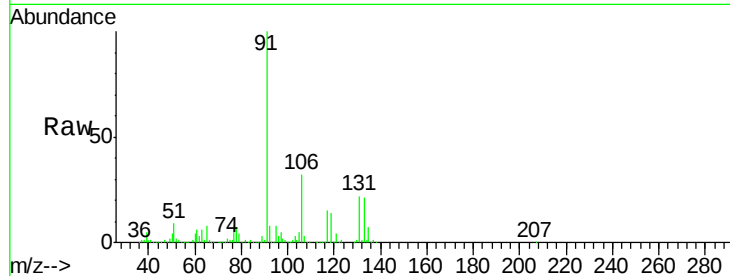




#67  
Ethyl Benzene  
Concen: 52.392 ug/l  
RT: 11.51 min Scan# 3029  
Delta R.T. 0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

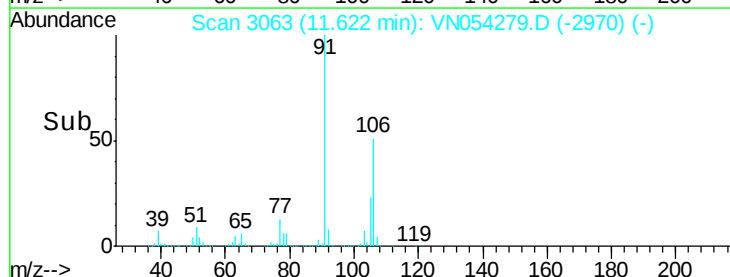
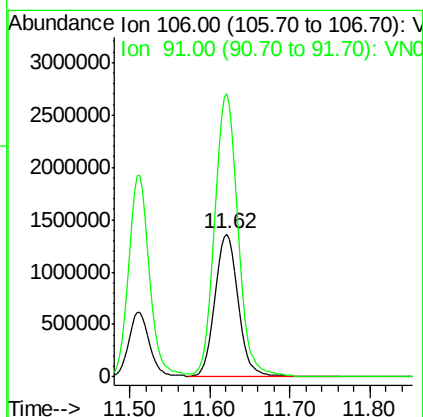
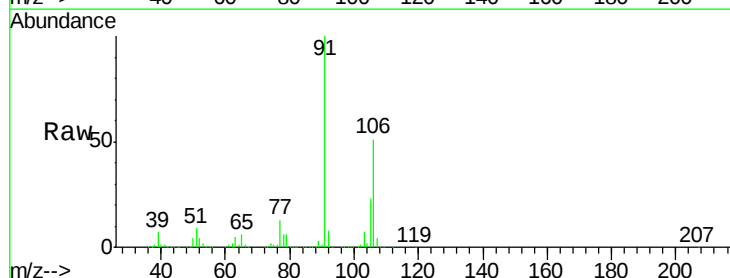
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

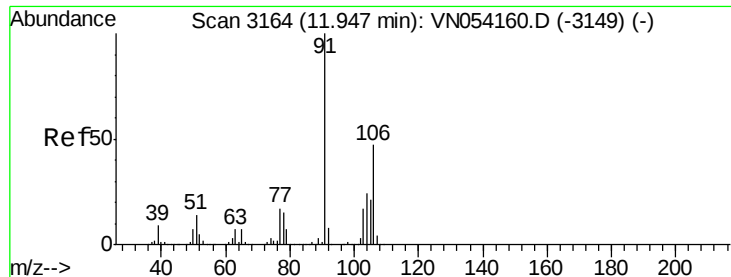
Tot Ion: 91 Resp: 3495459  
Ion Ratio Lower Upper  
91 100  
106 32.2 25.5 38.3



#68  
m/p-Xylenes  
Concen: 106.064 ug/l  
RT: 11.62 min Scan# 3063  
Delta R.T. 0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

Tgt Ion: 106 Resp: 2765760  
Ion Ratio Lower Upper  
106 100  
91 199.2 159.4 239.2

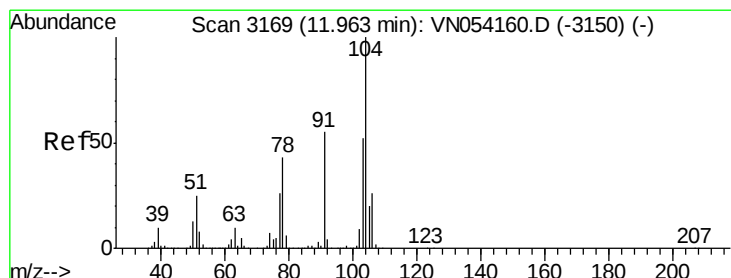
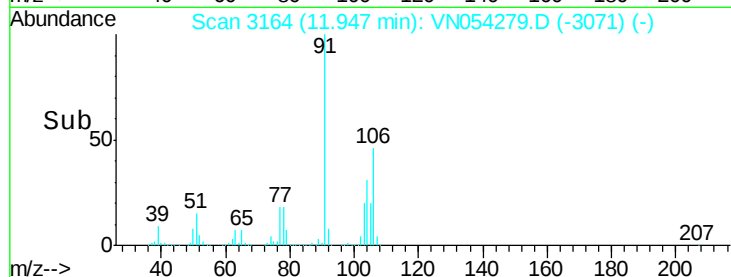
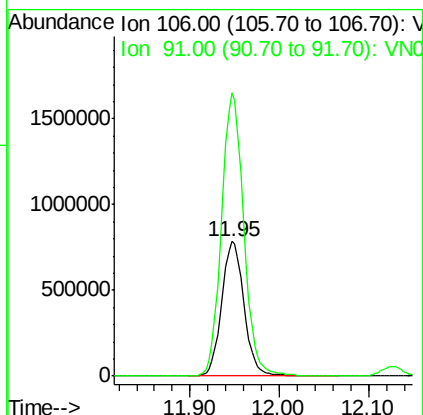
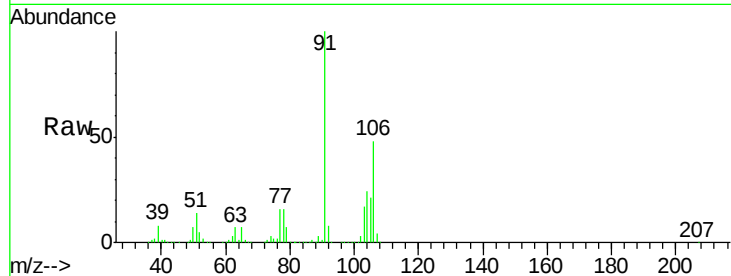




#69  
o-Xylene  
Concen: 53.651 ug/l  
RT: 11.95 min Scan# 3164  
Delta R.T. 0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

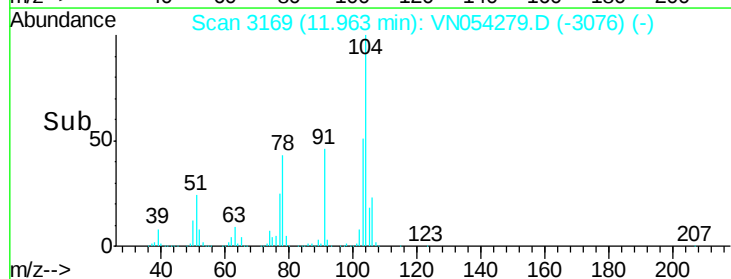
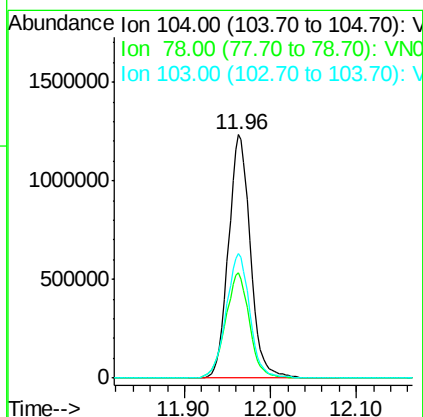
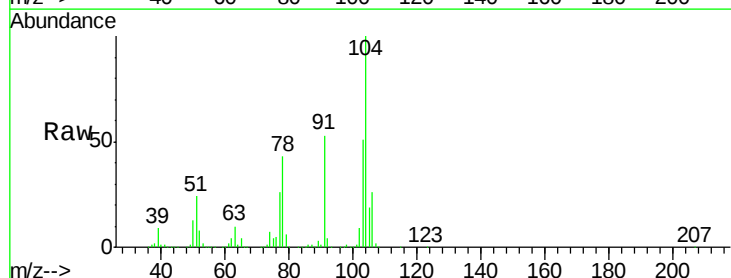
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

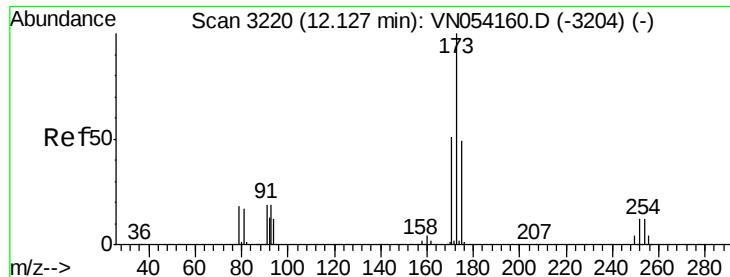
Tot Ion:106 Resp: 1363806  
Ion Ratio Lower Upper  
106 100  
91 209.5 105.7 317.1



#70  
Styrene  
Concen: 54.671 ug/l  
RT: 11.96 min Scan# 3169  
Delta R.T. 0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

Tgt Ion:104 Resp: 2179557  
Ion Ratio Lower Upper  
104 100  
78 47.2 38.2 57.2  
103 55.2 44.4 66.6





#71

Bromoform

Concen: 46.408 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

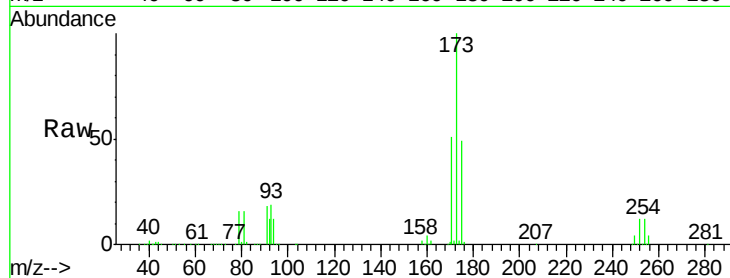
Tot Ion:173 Resp: 515259

Ion Ratio Lower Upper

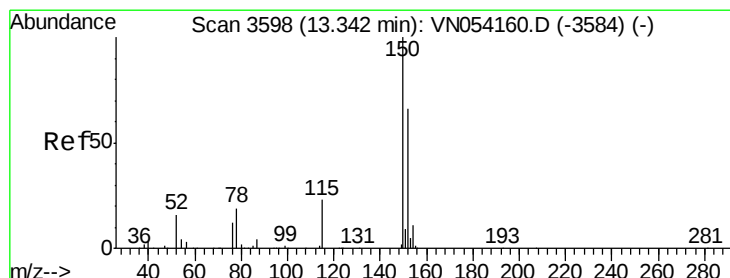
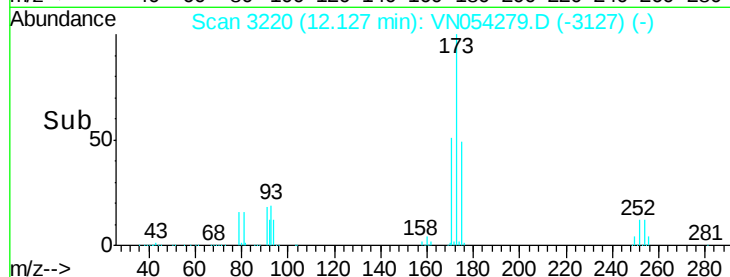
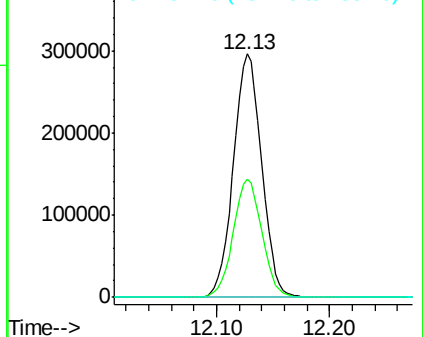
173 100

175 49.1 24.4 73.2

254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

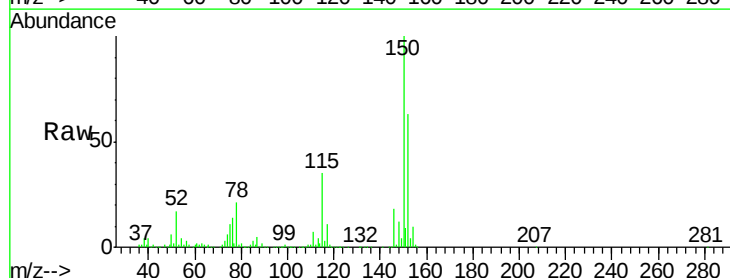
Tgt Ion:152 Resp: 890353

Ion Ratio Lower Upper

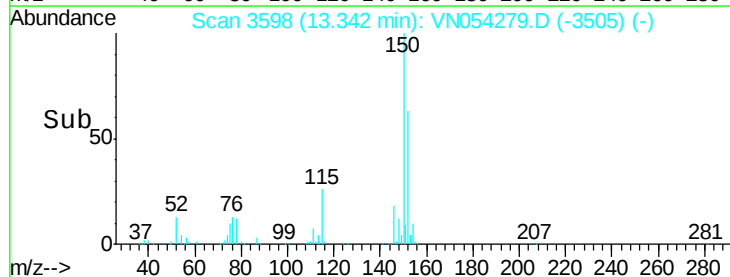
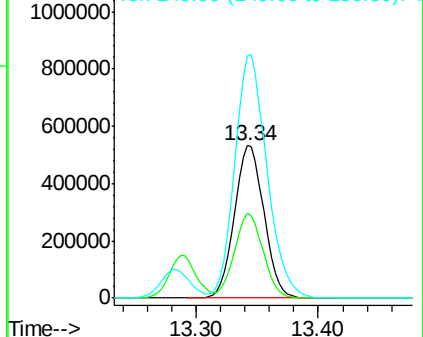
152 100

115 54.0 27.2 81.6

150 174.0 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.532 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

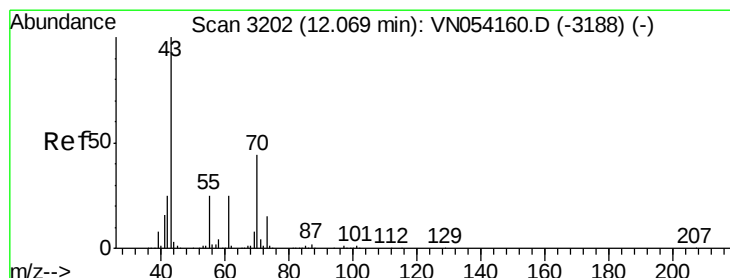
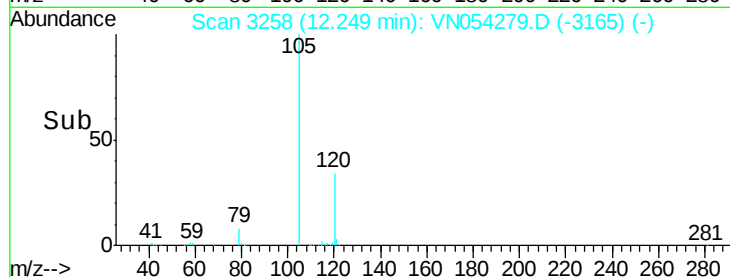
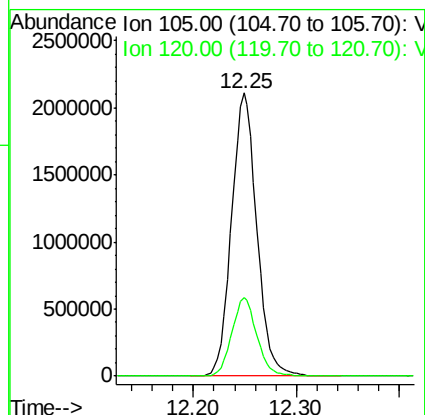
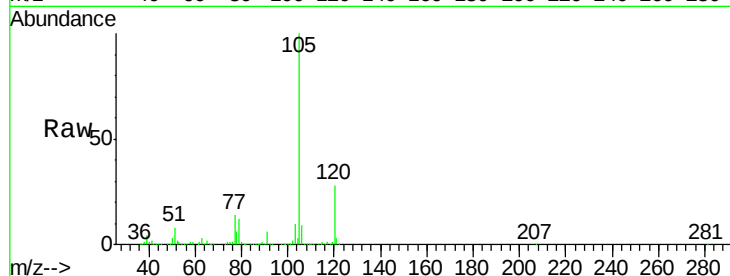
VSTDCCC050

Tot Ion:105 Resp: 3599578

Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.3



#74

N-ethyl acetate

Concen: 52.360 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Tgt Ion: 43 Resp: 827890

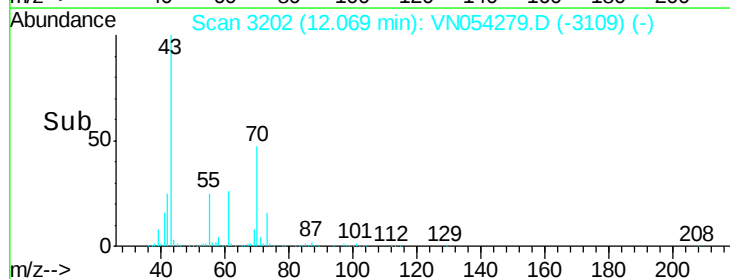
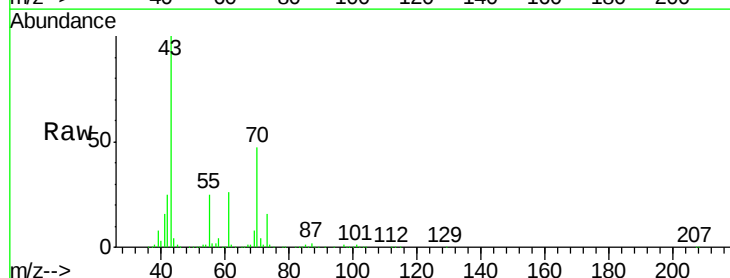
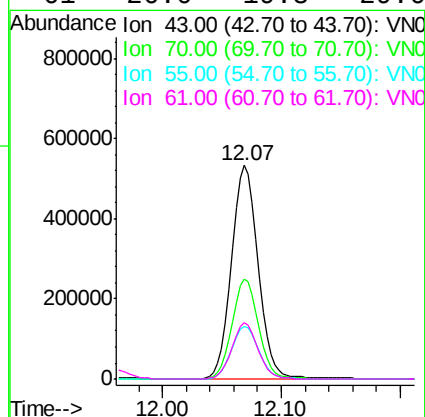
Ion Ratio Lower Upper

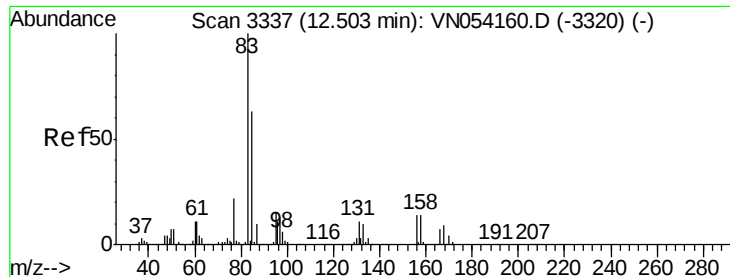
43 100

70 46.6 35.4 53.0

55 25.5 19.8 29.6

61 26.0 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 53.660 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

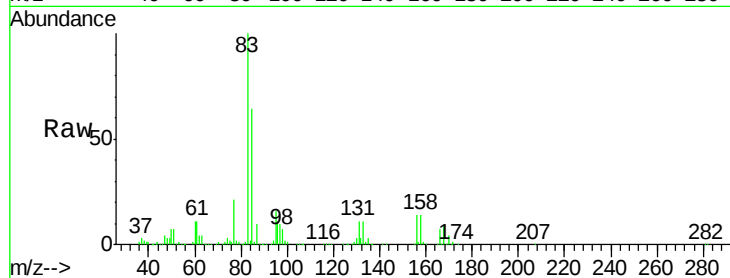
Tot Ion: 83 Resp: 814378

Ion Ratio Lower Upper

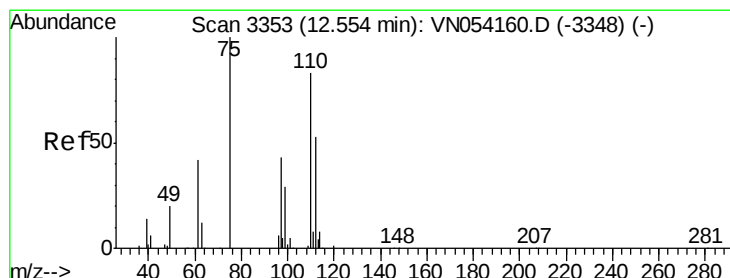
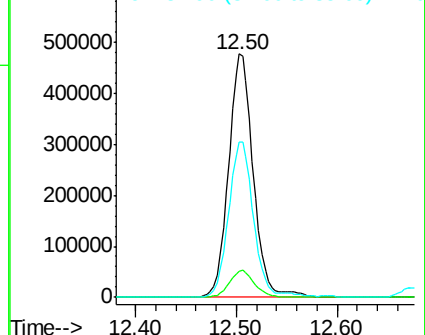
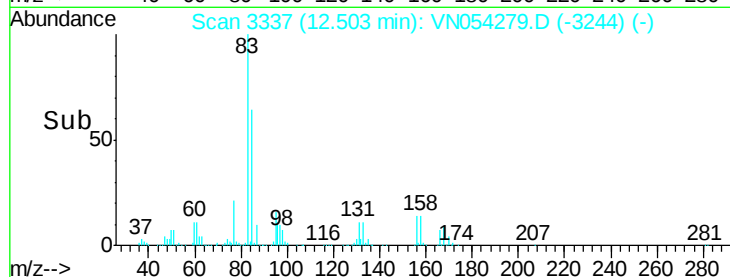
83 100

131 11.3 5.8 17.4

85 63.7 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN054279.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 73.613 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054279.D

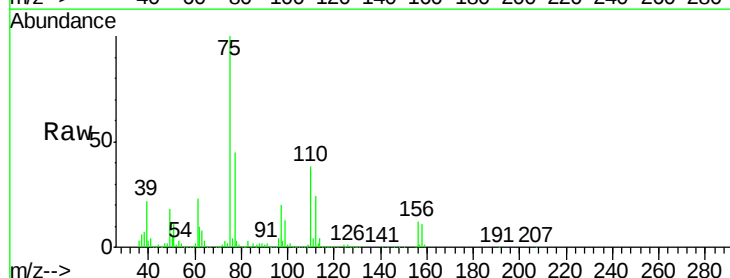
Acq: 14 Mar 2019 23:32

Tgt Ion: 75 Resp: 963819

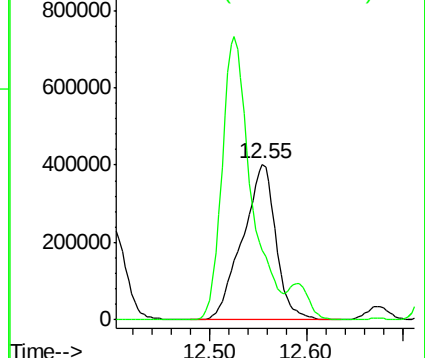
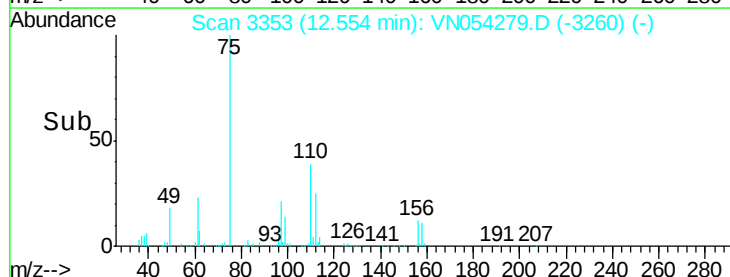
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN054279.D (-3260) (-)





#77

Bromobenzene

Concen: 52.211 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

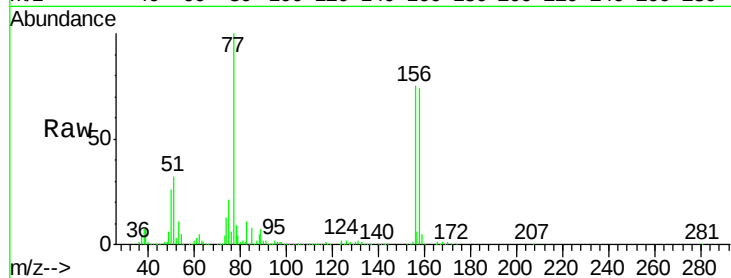
Tot Ion:156 Resp: 984146

Ion Ratio Lower Upper

156 100

77 155.8 81.5 244.4

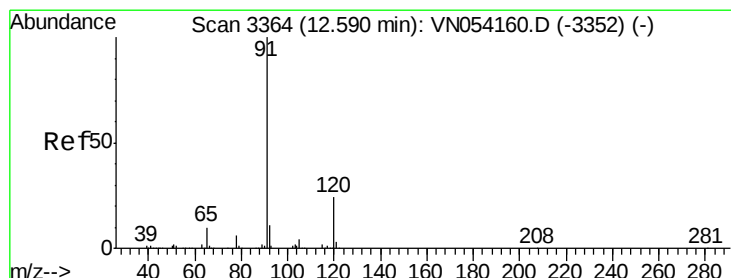
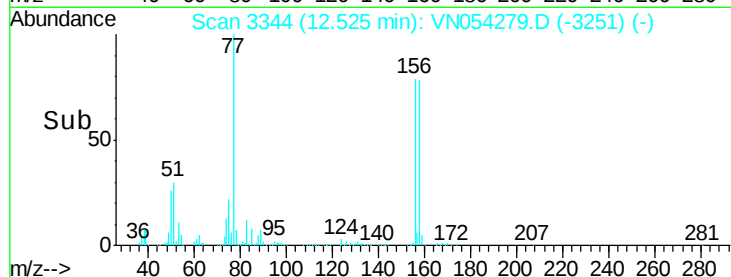
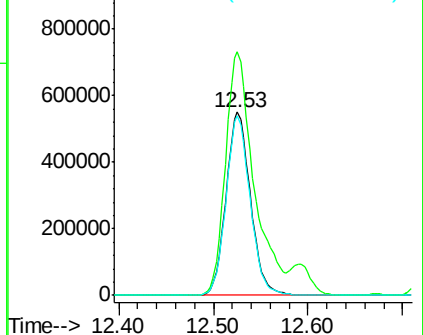
158 97.0 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.782 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054279.D

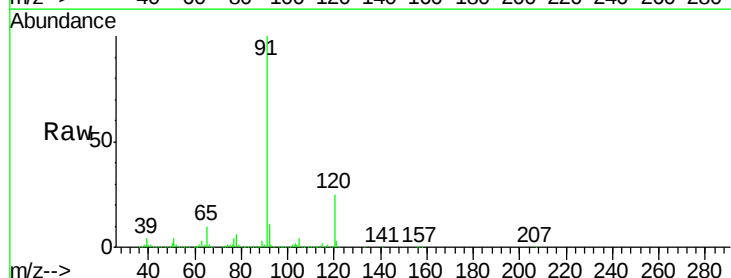
Acq: 14 Mar 2019 23:32

Tgt Ion: 91 Resp: 3925145

Ion Ratio Lower Upper

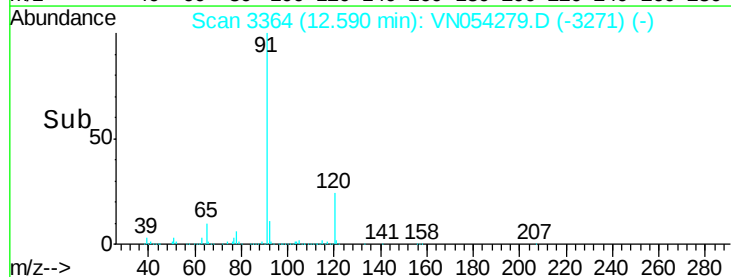
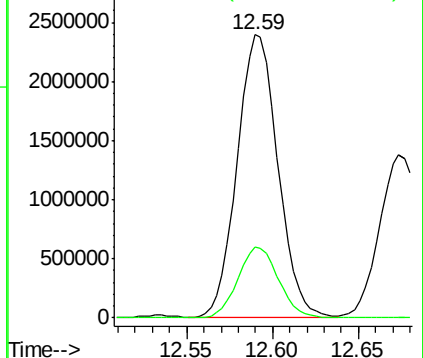
91 100

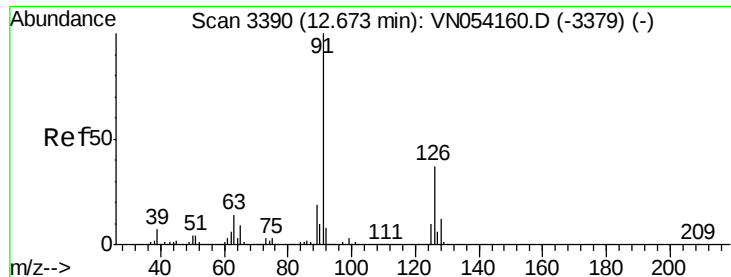
120 25.1 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.583 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

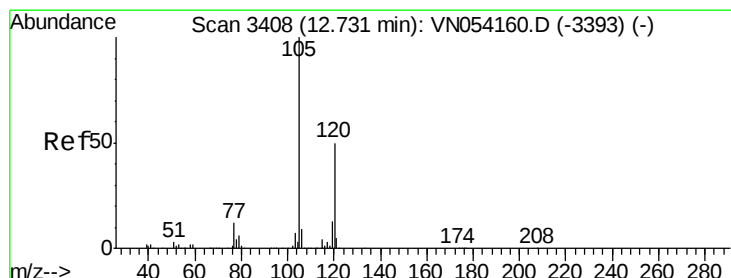
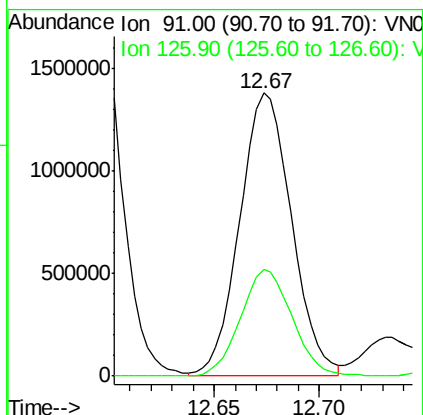
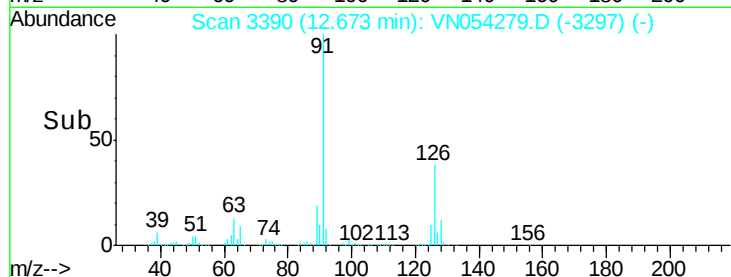
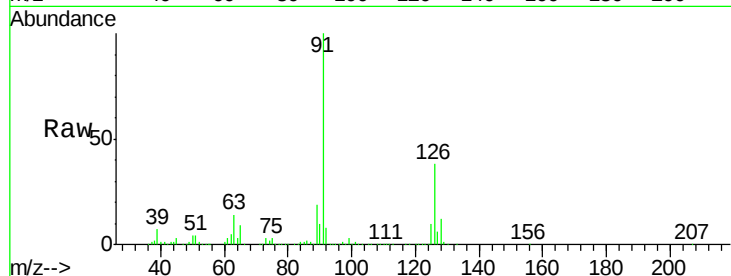
VSTDCCC050

Tot Ion: 91 Resp: 2350792

Ion Ratio Lower Upper

91 100

126 37.9 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 50.741 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054279.D

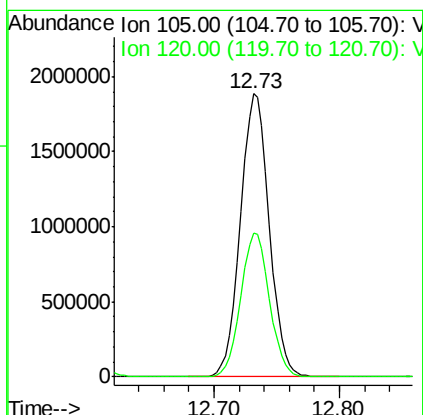
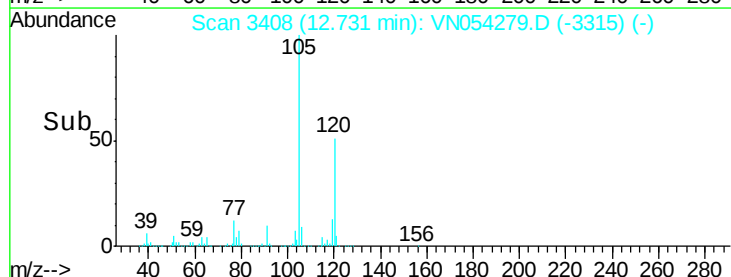
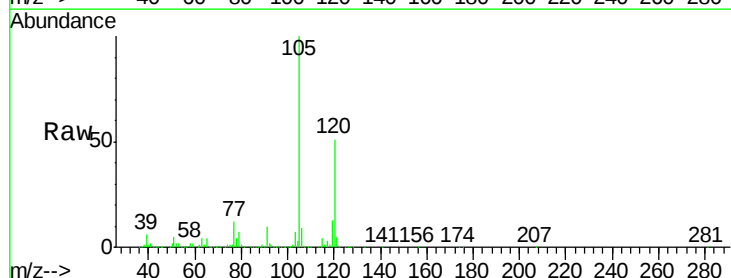
Acq: 14 Mar 2019 23:32

Tgt Ion: 105 Resp: 3006478

Ion Ratio Lower Upper

105 100

120 50.8 25.0 75.0

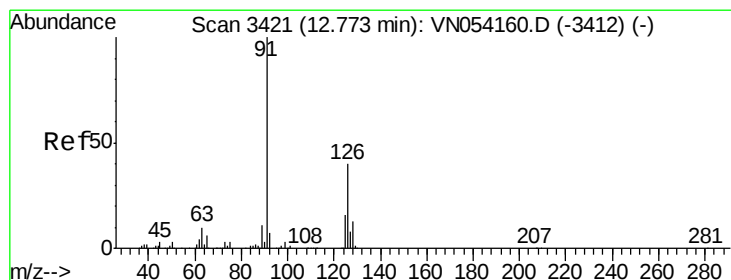
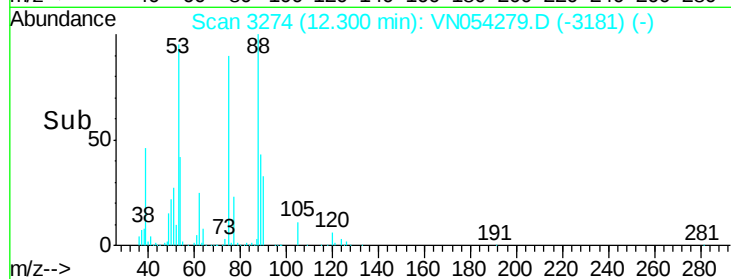
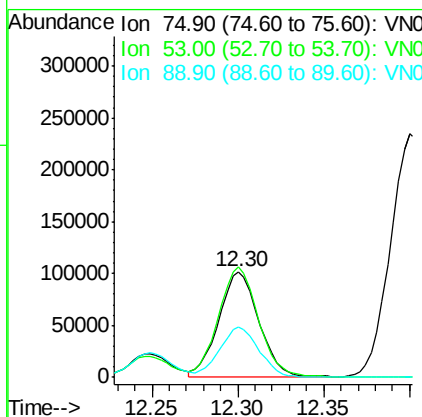
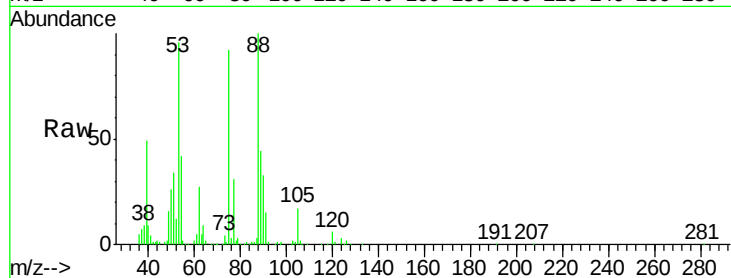




#81  
trans-1,4-Dichloro-2-butene  
Concen: 42.693 ug/l  
RT: 12.30 min Scan# 3274  
Delta R.T. 0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

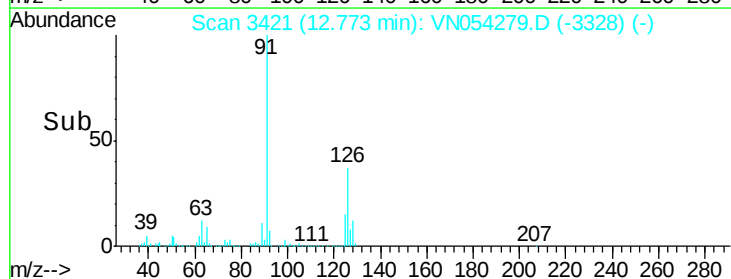
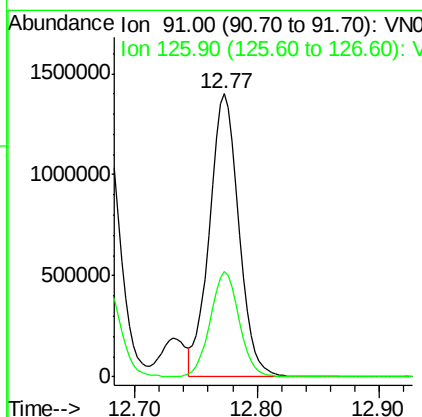
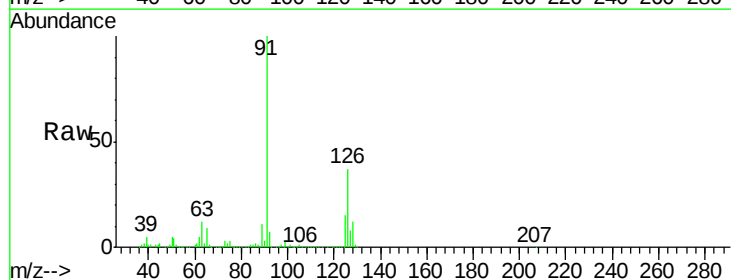
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050

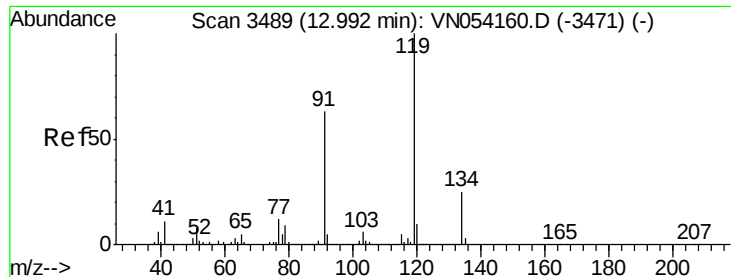
Tot Ion: 75 Resp: 163519  
Ion Ratio Lower Upper  
75 100  
53 106.3 76.2 114.2  
89 47.8 39.2 58.8



#82  
4-Chlorotoluene  
Concen: 50.783 ug/l  
RT: 12.77 min Scan# 3421  
Delta R.T. 0.00 min  
Lab File: VN054279.D  
Acq: 14 Mar 2019 23:32

Tgt Ion: 91 Resp: 2356623  
Ion Ratio Lower Upper  
91 100  
126 37.0 18.1 54.1





#83

tert-Butylbenzene

Concen: 50.912 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

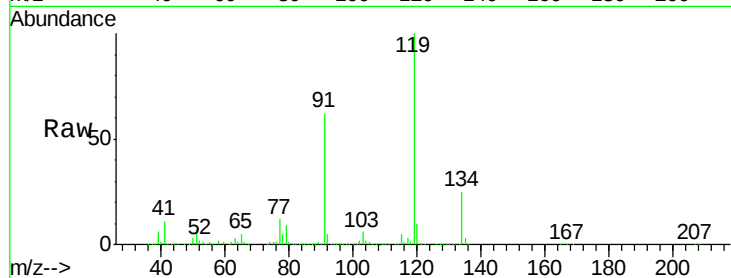
Tot Ion:119 Resp: 2776599

Ion Ratio Lower Upper

119 100

91 60.6 30.9 92.8

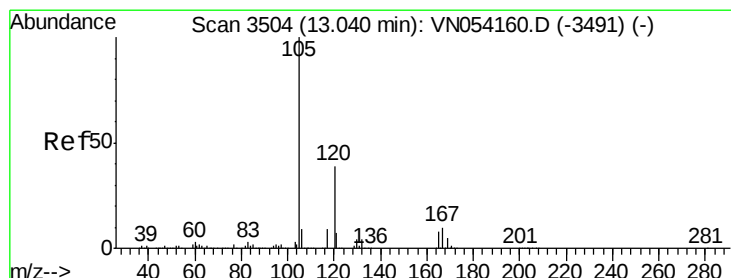
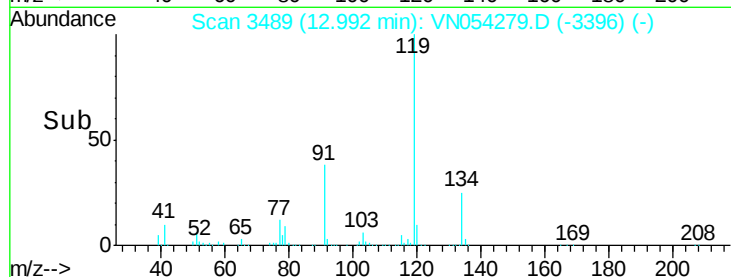
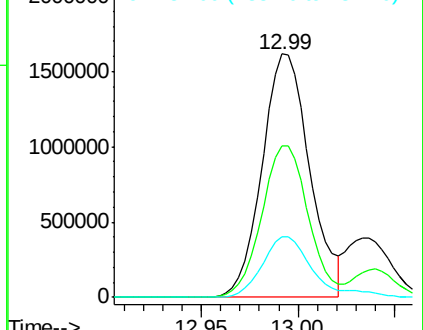
134 26.5 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.497 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054279.D

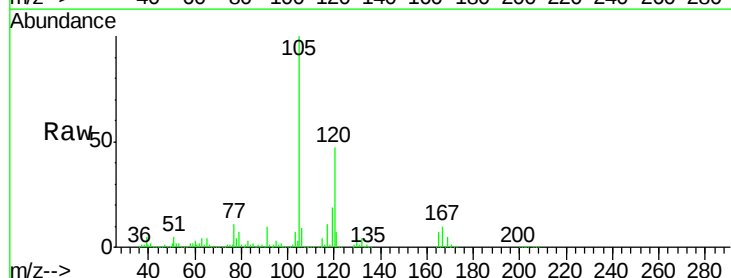
Acq: 14 Mar 2019 23:32

Tgt Ion:105 Resp: 3051590

Ion Ratio Lower Upper

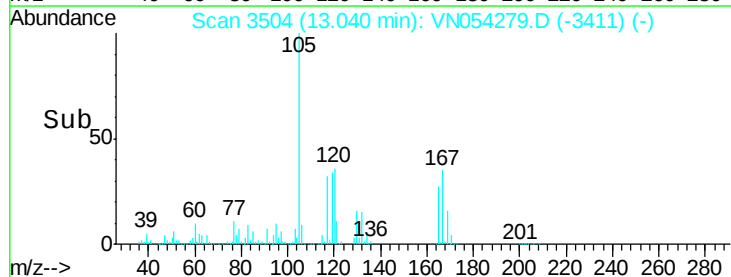
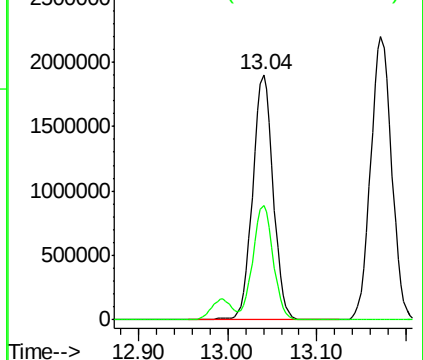
105 100

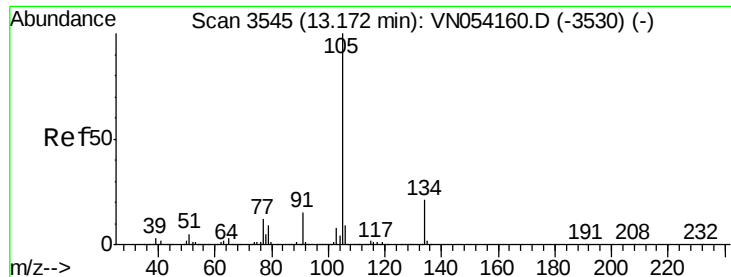
120 46.6 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.481 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

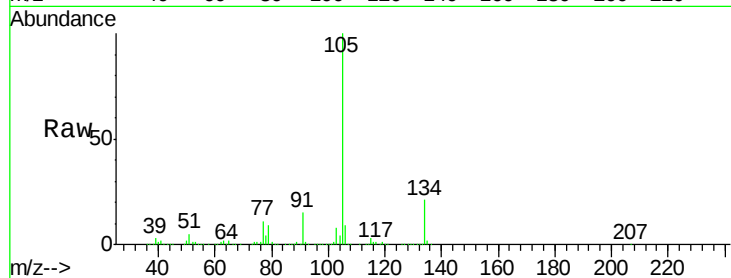
VSTDCCC050

Tot Ion:105 Resp: 3570365

Ion Ratio Lower Upper

105 100

134 21.4 10.7 32.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

2500000

2000000

1500000

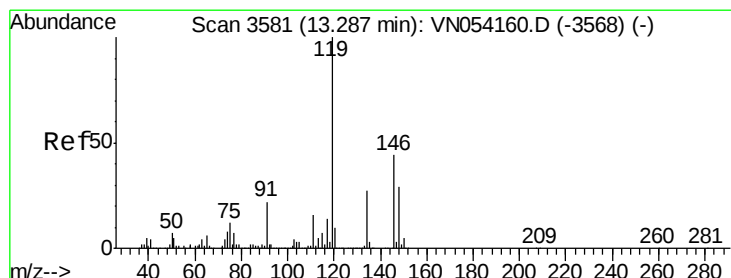
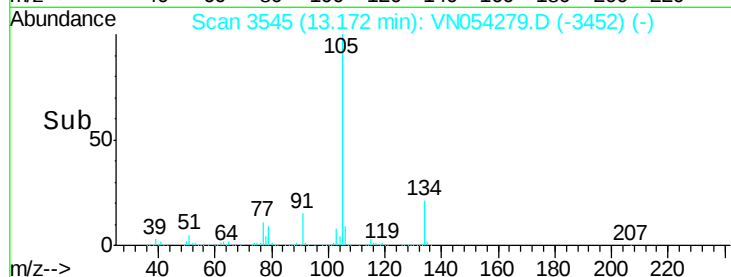
1000000

500000

0

13.10 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 50.855 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

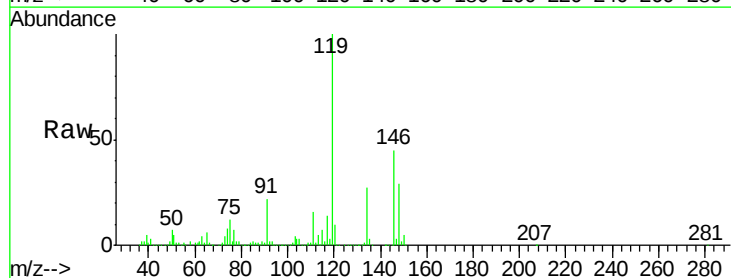
Tgt Ion:119 Resp: 3155535

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

91 21.8 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

2500000

2000000

1500000

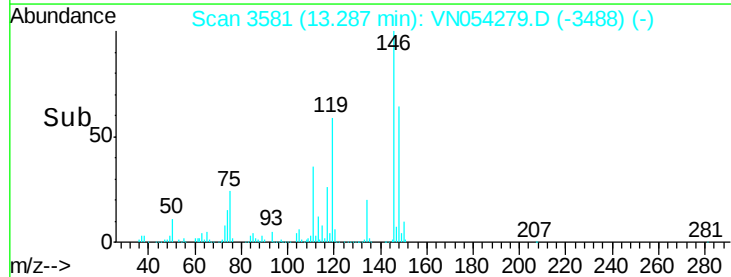
1000000

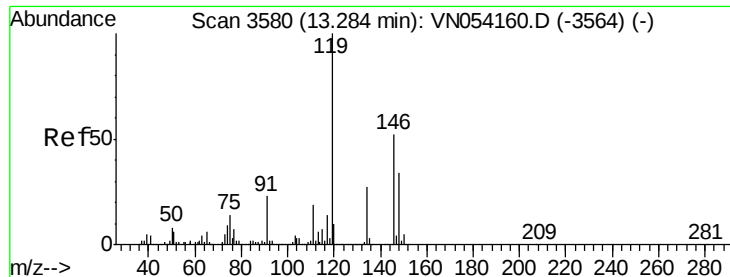
500000

0

13.20 13.30

Time-->





#87

1,3-Dichlorobenzene

Concen: 52.756 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

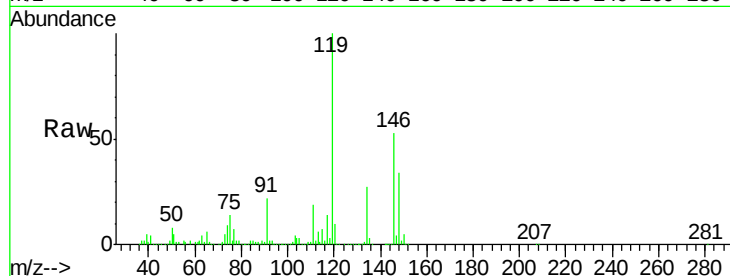
Tot Ion:146 Resp: 1675639

Ion Ratio Lower Upper

146 100

111 36.9 18.8 56.3

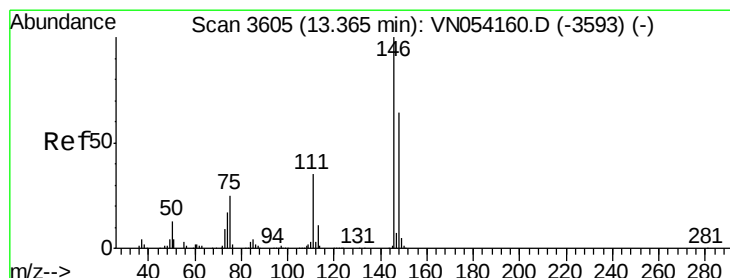
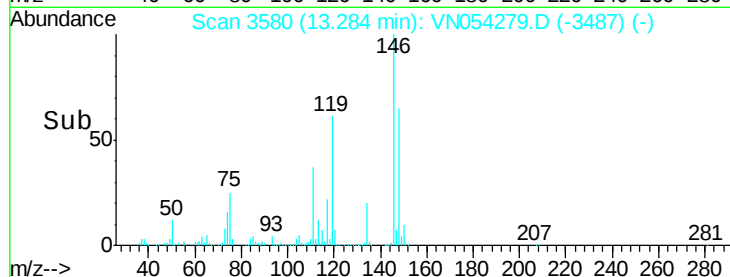
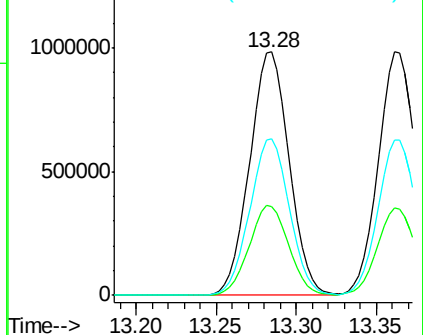
148 64.5 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 52.657 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

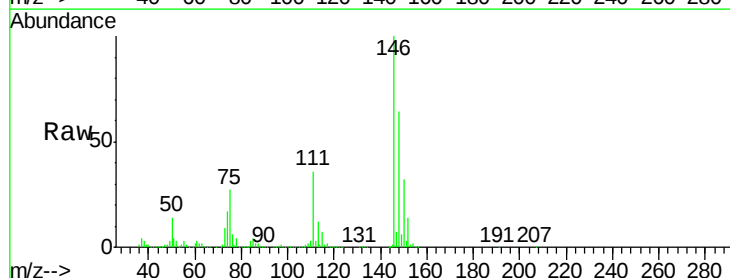
Tgt Ion:146 Resp: 1642991

Ion Ratio Lower Upper

146 100

111 36.2 18.1 54.1

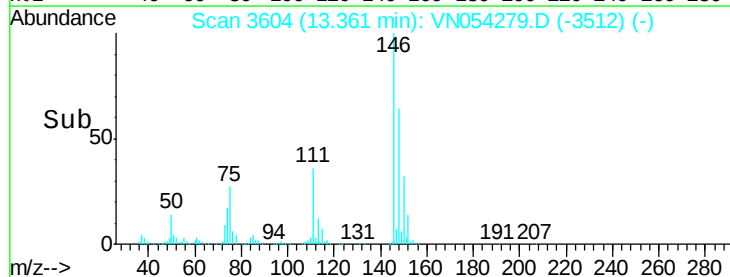
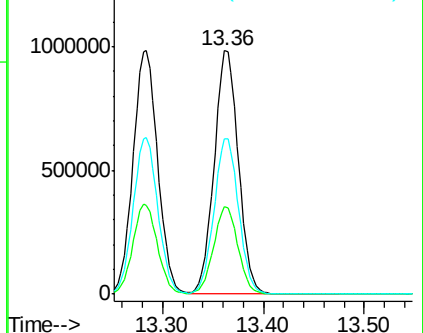
148 64.7 32.0 96.0

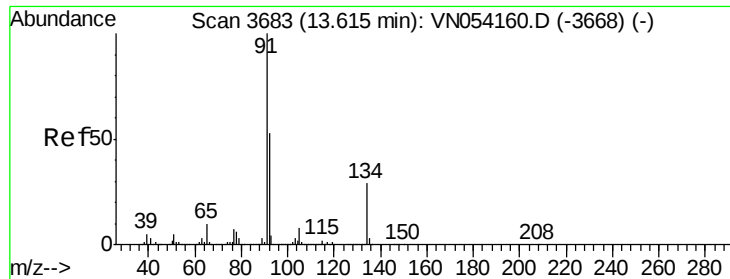


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 52.093 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

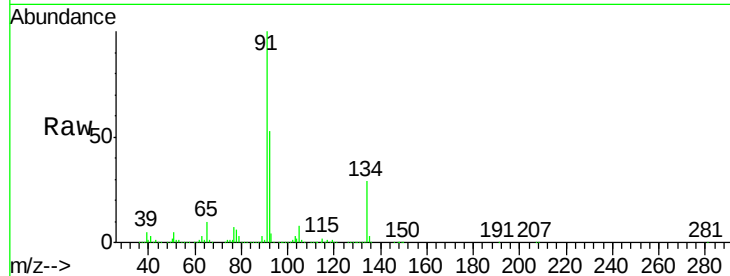
Tot Ion: 91 Resp: 2455976

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 52.7  | 26.2  | 78.6  |
| 134 | 28.9  | 14.3  | 42.9  |

91 100

92 52.7 26.2 78.6

134 28.9 14.3 42.9

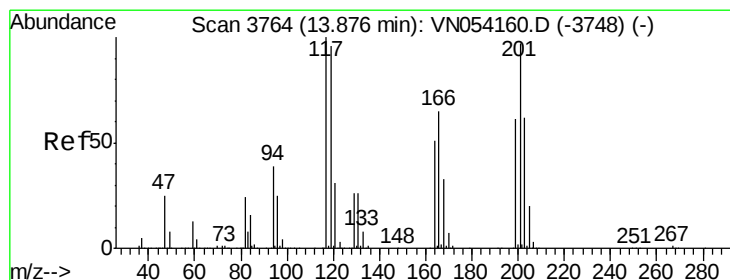
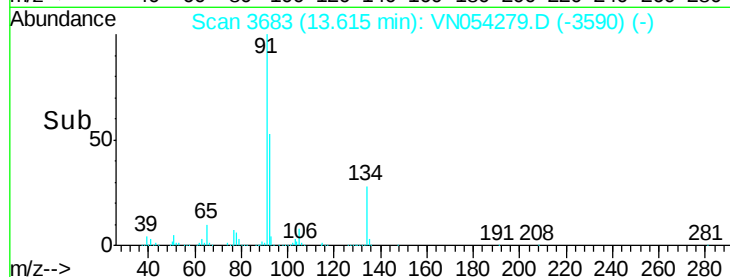
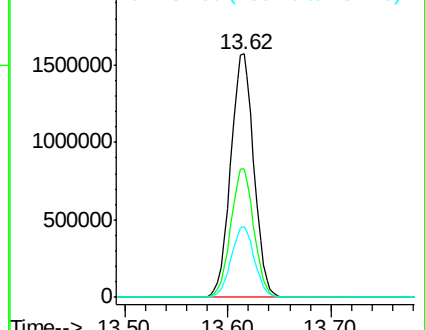


Abundance

Ion 91.00 (90.70 to 91.70): VN054160.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN054160.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN054160.D (-3668) (-)



#90

Hexachloroethane

Concen: 48.180 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN054279.D

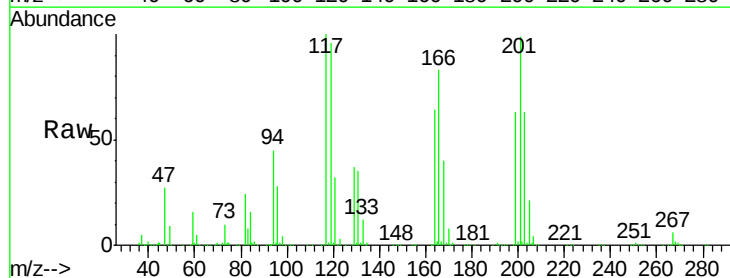
Acq: 14 Mar 2019 23:32

Tgt Ion: 117 Resp: 495021

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 97.7  | 48.1  | 144.4 |

117 100

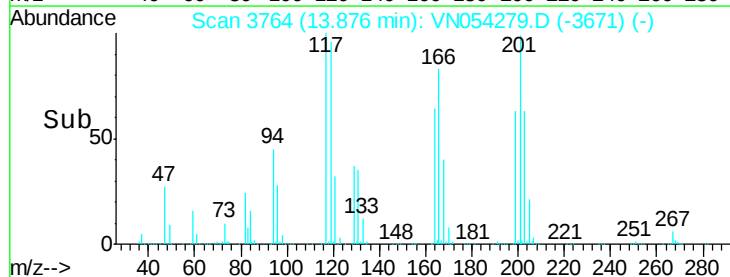
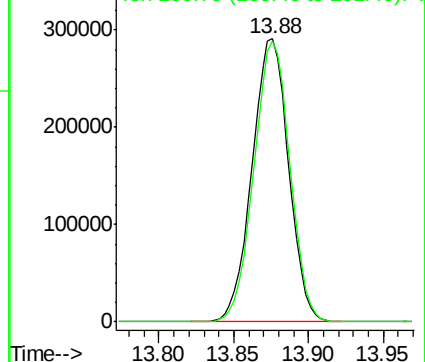
201 97.7 48.1 144.4



Abundance

Ion 116.80 (116.50 to 117.50): VN054160.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN054160.D (-3748) (-)





#91

1,2-Dichlorobenzene

Concen: 53.469 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

Instrument :

MSVOA\_N

ClientSampleId :

VSTDCCC050

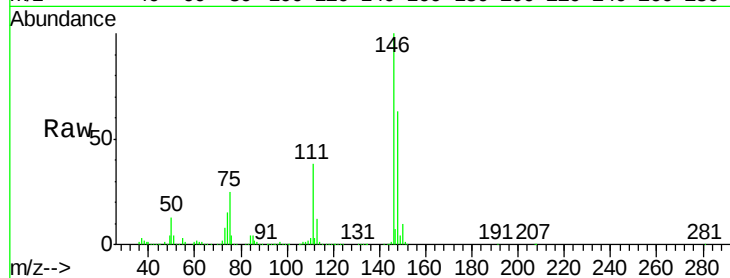
Tot Ion:146 Resp: 1660230

Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.3

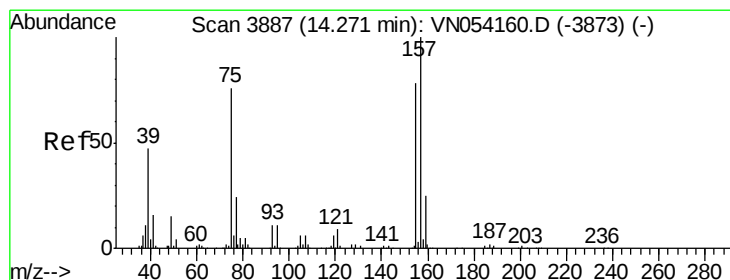
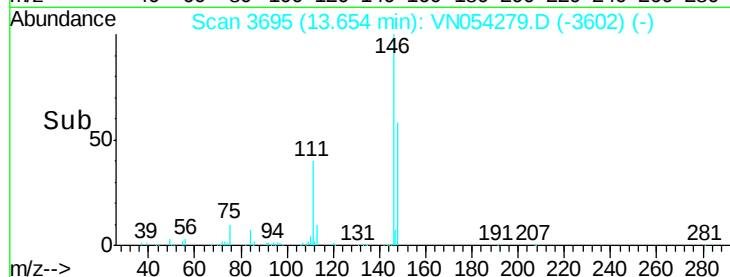
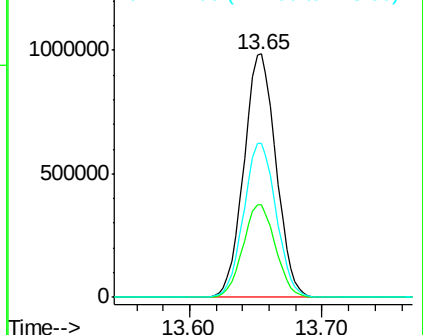
148 63.9 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.998 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN054279.D

Acq: 14 Mar 2019 23:32

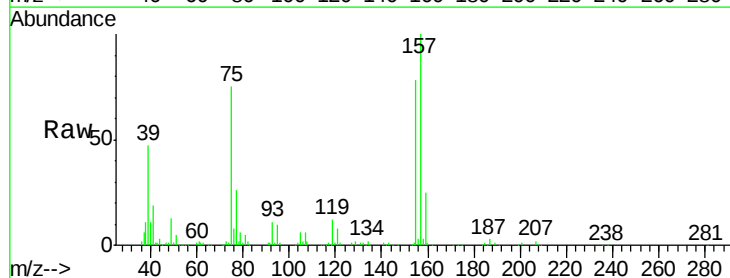
Tgt Ion: 75 Resp: 122117

Ion Ratio Lower Upper

75 100

155 100.9 50.1 150.3

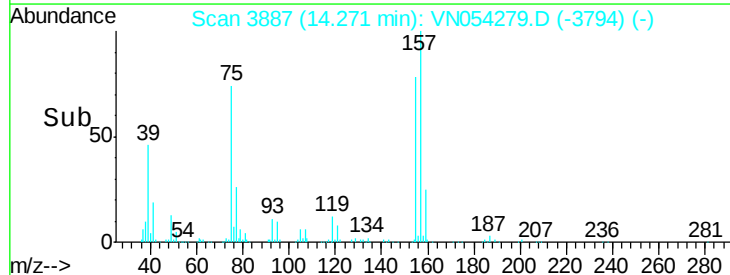
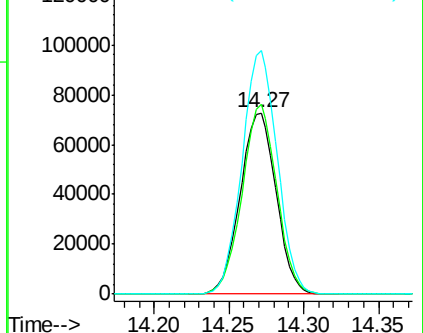
157 131.5 63.1 189.3

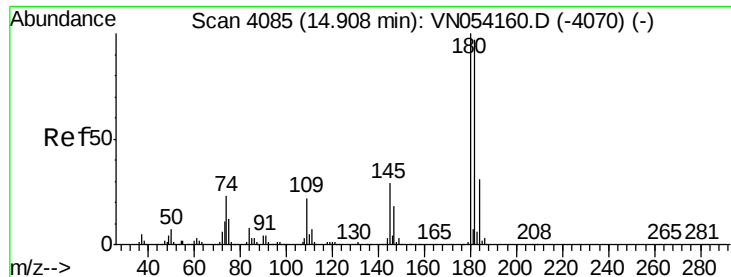


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

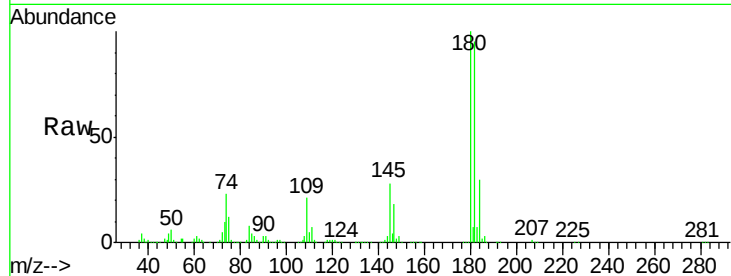




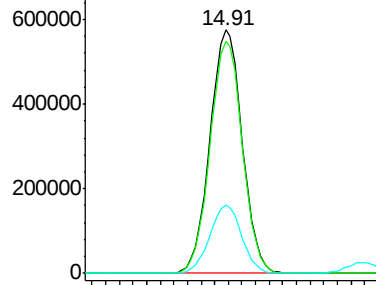
#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.314 ug/l  
 RT: 14.91 min Scan# 4085  
 Delta R.T. 0.00 min  
 Lab File: VN054279.D  
 Acq: 14 Mar 2019 23:32

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050

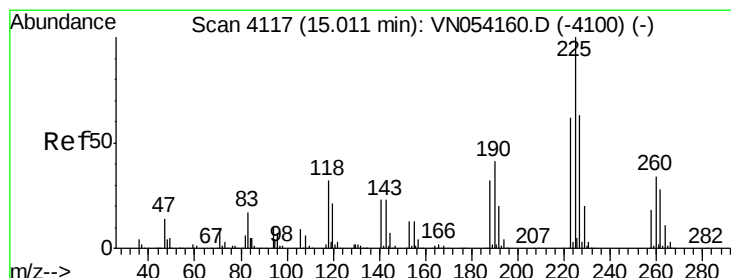
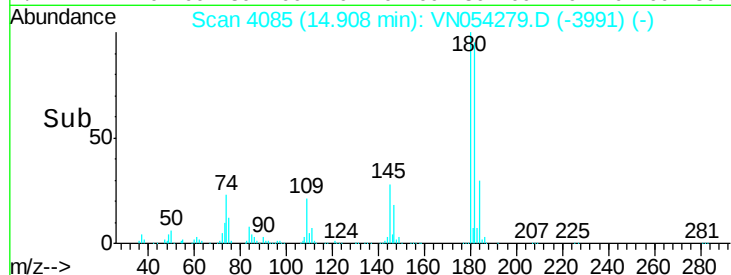
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.3  | 48.0  | 144.2 |
| 145     | 27.7  | 14.2  | 42.8  |



Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

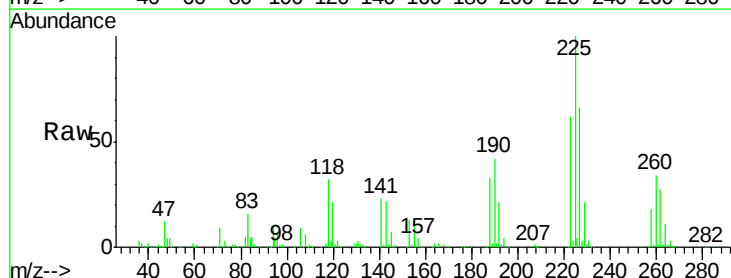


Time-->

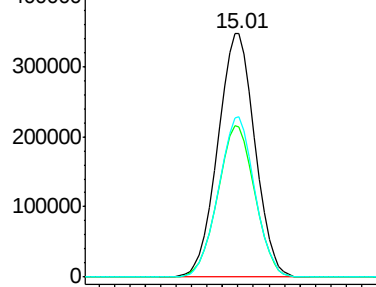


#94  
 Hexachlorobutadiene  
 Concen: 48.890 ug/l  
 RT: 15.01 min Scan# 4117  
 Delta R.T. 0.00 min  
 Lab File: VN054279.D  
 Acq: 14 Mar 2019 23:32

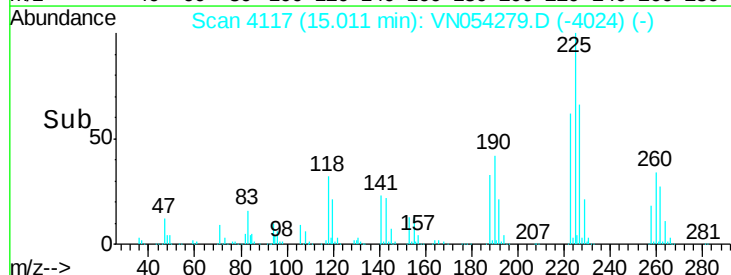
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.3  | 31.1  | 93.5  |
| 227     | 64.3  | 31.9  | 95.9  |

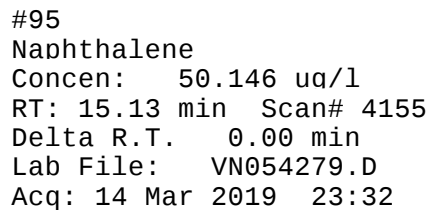


Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V



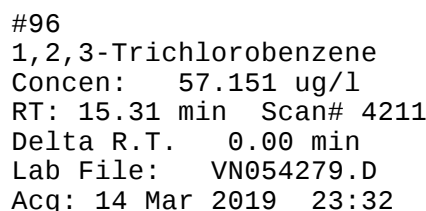
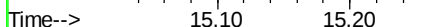
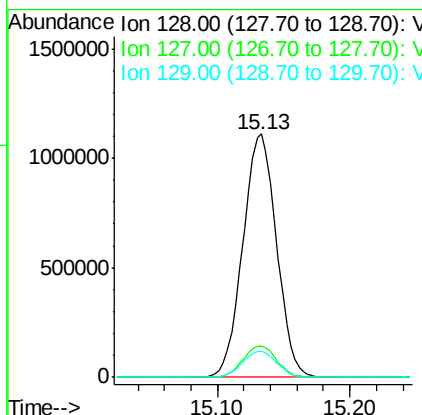
Time-->





Instrument : MSVOA\_N  
ClientSampleId : VSTDCCC050

|     |         |       |         |
|-----|---------|-------|---------|
| Tqt | Ion:128 | Resp: | 1958662 |
| Ion | Ratio   | Lower | Upper   |
| 128 | 100     |       |         |
| 127 | 13.0    | 10.1  | 15.1    |
| 129 | 10.9    | 8.7   | 13.1    |



|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:180 | Resp: | 942858 |
| Ion | Ratio   | Lower | Upper  |
| 180 | 100     |       |        |
| 182 | 95.6    | 47.5  | 142.6  |
| 145 | 29.5    | 14.8  | 44.3   |

